

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Harrisburg



1978

ANNUAL REPORT ON MINING, OIL AND GAS, AND
LAND RECLAMATION AND CONSERVATION ACTIVITIES



Digitized by the Internet Archive
in 2013

<http://archive.org/details/1978annual00penn>

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Harrisburg



1978

ANNUAL REPORT ON MINING, OIL AND GAS, AND
LAND RECLAMATION AND CONSERVATION ACTIVITIES

TABLE OF CONTENTS

1978

	Page
The Secretary's Letter Of Submittal To The Governor	5
Picture And Biography Of Secretary Clifford L. Jones	6
Forward -- William B. Middendorf, Deputy Secretary, Office Of Environmental Protection	8
Letter From Walter J. Vicinelly, Commissioner, Office of Deep Mine Safety, To The Secretary	9
Highlights Of Accomplishments	10
Photographs Of Selected Activities	11
Maps	14
Fatal Accident Reports	17

ANTHRACITE REGION

Statistical Reports:

Production, Employees And Fatalities 1870 - 1978	36
Production Of Coal, Employees And Fatalities By County -- 1978	38
Summary Of Anthracite Mines, Production And Fatalities By District	39
Production, How Shipped, Average Days Worked, Employees, Explosives, Fatal And Nonfatal Accidents	40
Summary Of Employees By District	41
Operators Producing 25,000 Or More Tons	42
Fatal Accidents -- 1978	43
Accidents In Which Five Or More Persons Were Killed - 1847--1978	44
Study Of Anthracite By County	47
County--District Cross Reference	56

Production Table:

Production, etc., Of Anthracite Operators By District	58
-----------------------------------------------------------------	----

<u>Breakers, Washeries And Preparation Plants</u>	79
-------------------------------------------------------------	----

<u>Anthracite Operators Mailing List</u>	83
----------------------------------------------------	----

BITUMINOUS COAL REGION

Statistical Reports:

Production, Employees And Fatalities 1877 - 1978	90
Production Of Coal, Employees And Fatalities By County	92
Summary Of Bituminous Coal Mines, Production And Fatalities By District	93
Production Of Coal And Coke - Net Tons	94
Summary Of Bituminous Coal Employees	95
Operators Producing Over 200,000 Tons Of Deep Mined Coal During 1978	96
Operators Producing Over 200,000 Tons Of Strip, Auger And Refuse Coal During 1978	97
Causes Of Bituminous Fatal Accidents By County	98
Bituminous Fatal Accident Victims - 1978	99
Accidents In Which Five Or More Persons Were Killed - 1884--1978	100
Study Of Bituminous Coal By County	102
County--District Cross Reference	121

Production Table:

Production, etc., Of Bituminous Coal Operators By District	124
----------------------------------------------------------------------	-----

Geographical Table:

Geographical Locations, etc., Of Bituminous Coal Mines By District	240
------------------------------------------------------------------------------	-----

<u>Cleaning Plants And Tipples</u>	343
----------------------------------------------	-----

<u>Bituminous Coal Operators Mailing List</u>	347
---------------------------------------------------------	-----

	<u>Page</u>
<u>Directory</u>	361
OIL AND GAS DIVISION	
Tables 1 Through 3	368
PITS AND QUARRIES	
Production Of Minerals - Net Tons	374
Geographical Formations - By County	376
Operators - By County	379



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES



June 29, 1979

The Secretary

The Honorable Richard Thornburgh
Governor
Commonwealth of Pennsylvania
Harrisburg, Pennsylvania 17120

Dear Governor Thornburgh:


It is with extreme pleasure that the Department of Environmental Resources herewith submits the 1978 Annual Report on Mining, Oil and Gas and Land Reclamation and Conservation Activities.

The information on anthracite and bituminous coal is in compliance with the Pennsylvania Anthracite Coal Mining Act (November 10, 1965, P.L. 346) as amended and the Pennsylvania Bituminous Coal Mine Act (July 17, 1961, P.L. 659) as amended.

The record of accomplishments in mineral production reflect that our organizational approach and program structure is providing the Commonwealth with efficient and effective management.

This edition represents the 109th Consecutive Annual Report Concerning Anthracite and Bituminous Coal Mining Activities, and includes as well, data on oil and gas and pits and quarries within the Commonwealth.

Sincerely,


CLIFFORD L. JONES



CLIFFORD L. JONES

BIOGRAPHY

Clifford L. "Cliff" Jones was sworn in as Secretary of the Pennsylvania Department of Environmental Resources on February 23, 1979.

He was named to the post by Gov. Dick Thornburgh, who said he chose Jones because of his record as a problem-solving administrator.

The Department, with 4,500 employees and an annual budget of nearly \$120 million, is responsible for protecting Pennsylvania's air, water and land and for making sure the state's natural resources are used wisely.

DER is the third cabinet-level post Jones has held in a 26-year career of public service.

He was Secretary of the Department of Labor and Industry from March 1969 to June 1970, and Secretary of the Commerce Department from January 1967 to April 1968. At one point, he briefly held both jobs at the same time.

As Secretary of Commerce, Jones was a member of the Sanitary Water Board and the Air Pollution Commission, which were responsible for pollution control before DER was created.

Much of Jones' career in public service has been devoted to providing jobs for people and new industries to help local and state economies.

He was Deputy Secretary of Commerce from April 1963 to January 1967, where his duties included serving as Executive Director of the Pennsylvania Industrial Development Authority.

From October 1957 to April 1963, Jones was Executive Director of the Greater Hazleton Chamber of Commerce and Can-Do, Inc., a non-profit industrial development corporation.

For his success in bringing jobs to Hazleton, Jones was named the Hazleton Jaycees' Outstanding Young Man of the Year in 1962 and the Pennsylvania Jaycees' Outstanding Young Man of the Year in 1963.

Jones was a Vice-President of the Pennsylvania Manufacturers' Association.

He also was Executive Director of the Lawrence County Council of Boy Scouts of America, Executive Manager for the Dover, Ohio Chamber of Commerce and the Dover Industrial Development Corp., Chairman of the Luzerne County Tourist Promotion Council, Secretary of the Anthracite Expressway Association and Secretary-Treasurer of the Pennsylvania Chamber of Commerce Executives.

As State Republican Chairman from 1970-73, Jones helped the party eliminate a \$600,000 debt. His political experience also includes managing a statewide campaign and serving as a delegate to the Republican National Convention.

And from January 1975 until he resigned to join DER, Jones was President of Pennsylvanians for Effective Government, a nonpartisan political and educational committee. PEG's membership consists mostly of persons from the farm and business communities who are concerned about good government.

A native of Sharpsville, PA., Jones received his B.A. degree from Westminster College, New Wilmington, PA. He is a veteran of the U.S. Army.

Married to the former Jean Quivey of Canonsburg, they have three children: Nancy, Martin and Bradley. They live in Camp Hill, PA.

OFFICE OF ENVIRONMENTAL PROTECTION
HIGHLIGHTS OF ACCOMPLISHMENTS - 1978

FOREWORD


In 1978 the Federal initial performance standards promulgated under the Surface Mining Control Act of 1977, P.L. 95-87, were implemented by the Department. These emphasized the evaluation of hydrologic consequences, blasting practices, erosion and sedimentation control, reclamation plans, and provided public notice requirements.

The Ad Hoc Task Force for Mining Legislation completed the major part of developing amendments to five Pennsylvania statutes. The amendments will make the Pennsylvania statutes consistent with P.L. 95-87 enabling Pennsylvania to apply for primacy in the regulation of mining activities.

The Bureau of Surface Mine Reclamation opened two more District Offices for a total of five offices; four in the Bituminous Area and one in the Anthracite Area. These offices are open during normal business hours to serve the public and industry.

There were 1167 licensed surface mine operators in 1978 operating 1877 Bituminous mines, 113 Anthracite mines, and more than 900 non-coal mines. The combined Bituminous and Anthracite production reflects a net gain of 11,871 tons for 1978.

WILLIAM B. MIDDENDORF
Deputy Secretary for
Environmental Protection





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

OFFICE OF DEEP MINE SAFETY
PO BOX 2063 - 6th FLOOR
FULTON BANK BUILDING
HARRISBURG, PA 17120



Honorable Clifford L. Jones, Secretary
Department of Environmental Resources
Commonwealth of Pennsylvania
9th Floor, Fulton Bank Building
Harrisburg, PA 17120

Dear Secretary Jones:

The following brief activities report is submitted to you in compliance with the provisions of the Anthracite and Bituminous Coal Mine Acts.

For the calendar year 1978, Anthracite deep production was up 18.98 percent over 1977 to a total of 594,728 tons produced. At year end there were 104 deep mines working that were employing 679 miners. There was one fatal accident for the year as compared to 11 in 1977, and 273 nonfatal accidents were reported which represented an increase of 13.7 percent.

In the bituminous coal region, deep production was off 14.32 percent, down to 33,210,022 tons. There were 153 deep mines in operation employing 24,694 miners. Fatal accidents were down to 7 which represents the best safety record for deep coal mine fatalities since the commonwealth began keeping statistics in 1877. Nonfatal accidents were also reduced 26.52 percent to a total of 1,812.

We continue to offer mine safety instruction in pre-employment and refresher training, emergency medical technician procedures, and are anticipating a broad expansion of our mine rescue program.

I would like to congratulate both coal industry employees and management for their efforts in achieving this record in deep mine safety.

Respectfully,

Walter J. Vicinelly
Commissioner

OFFICE OF ENVIRONMENTAL PROTECTION
HIGHLIGHTS OF ACCOMPLISHMENTS -- 1978

BUREAU OF SURFACE MINE RECLAMATION

The Bureau administers State and Federal laws and regulations to minimize the environmental impact of surface mining, coal refuse disposal and the surface effects of underground mining related to mine subsidence. Regulatory and enforcement activities assure proper land reclamation, the prevention of water pollution and protection of miners' and public health and safety.

Program activities for obtaining primacy under the provisions of P.L. 95-87, and the Surface Mining Control Act of 1977, are progressing with anticipated program approval by June 1980.

BUREAU OF LAND PROTECTION

Solid Waste Management

Act 198 grant funds were made available to finance unique resource recovery projects up to 75% of the total costs. Approximately \$2.3 million was available for this program and was distributed to Pennsylvania municipalities.

The Department entered into a contract with EPA to develop planning information in partial compliance with the Resource Conservation and Recovery Act, P.L. 94-580. Part of this agreement made \$566,000 available to local municipalities throughout the Commonwealth to aid them in providing data necessary to update the Pennsylvania Solid Waste Management Plan and to work to the development of a hazardous solid waste management program. We have continued to monitor EPA's proposed rules for delegation of the RCRA program.

Bonding regulations were adopted for land disposal sites to assure that landfills are properly closed and revegetated and that leachate collection and treatment systems will continue to operate for ten (10) years after landfill closure.

Mine Subsidence Insurance

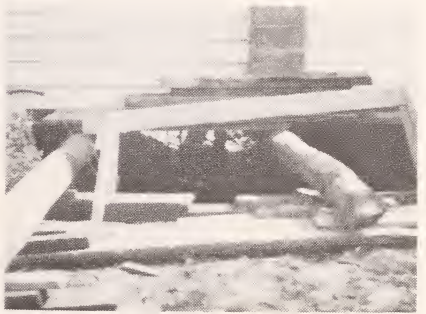
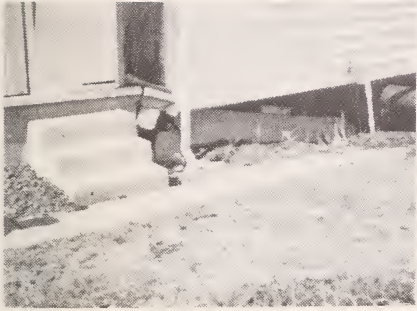
The Mine Subsidence Insurance Division sold 1,250 new policies during 1978 bringing total policyholders to 10,750 with coverage of \$288 million. Eighty-five (85) claims totaling \$250,000 were paid in 1978. Proposed rules were drafted to increase allowable coverage from \$50,000 to \$100,000 per policy. Nearly 1,000 citizens received mine subsidence condition information during the year.

Oil and Gas

Oil and Gas permitting activities have continued at an accelerated pace as 3,400 permits have been issued, an increase of nearly 25% over 1977. The Division has been working with the Federal Energy Regulatory Commission to determine our future role in implementing the Natural Gas Policy Act of 1978.

Mine Subsidence Regulation

More than 1,000 subsidence information reports were furnished to citizens requesting data on past mining conditions that could affect the construction of homes, commercial and industrial buildings. Fourteen proposed public school building sites were evaluated for subsidence potential for local school districts.



Scenes showing the damage to a private dwelling on Bowman Street, Wilkes-Barre, Pennsylvania, caused by mine subsidence.

BUREAU OF LAND PROTECTION

These four photographs show the successful application of sewage sludge from the Scranton-Dunmore Waste Water Treatment Plant to an abandoned anthracite refuse bank that had been leveled prior to application of the sludge.



General view of original anthracite coal refuse project site.



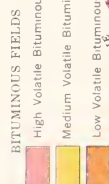
Applying 4 tons of agricultural ground limestone per acre to site.



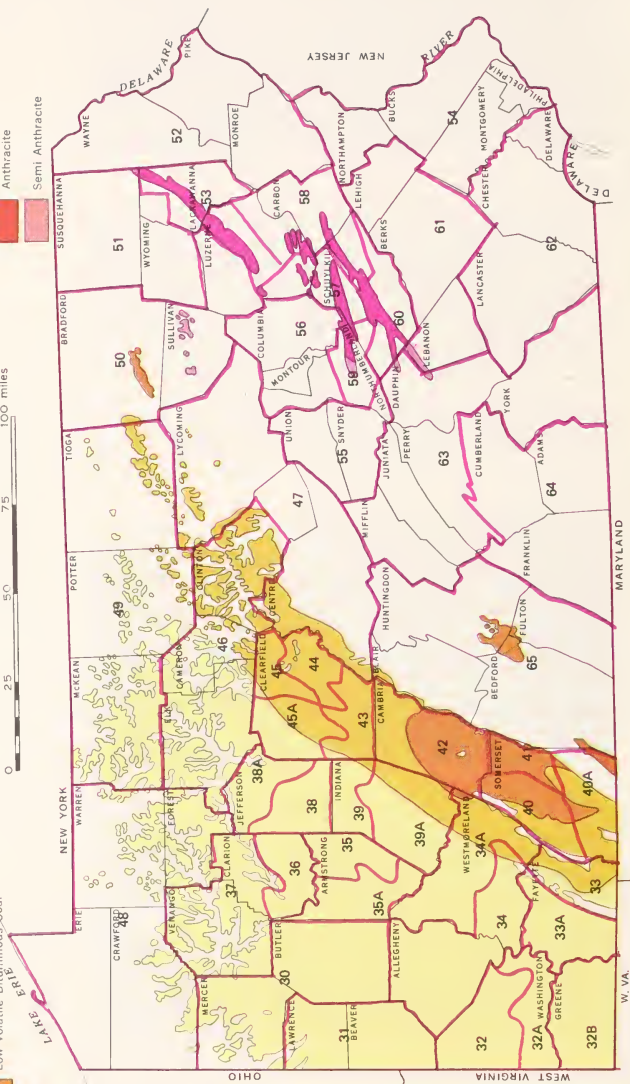
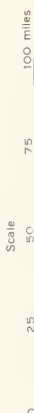
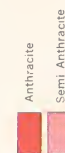
General view showing effect of sludge application on revegetation. Untreated area in foreground. Sludge treated area in background, August 1978.



General view of vegetation growth on the sludge treated demonstration area. A direct comparison with picture #2. August 1978.

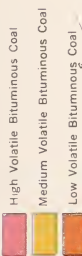
DISTRIBUTION OF PENNSYLVANIA COALS
SURFACE MINE INSPECTION DISTRICTS

ANTHRACITE FIELDS



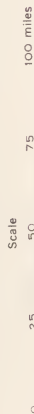
- [illegible]

BITUMINOUS FIELDS

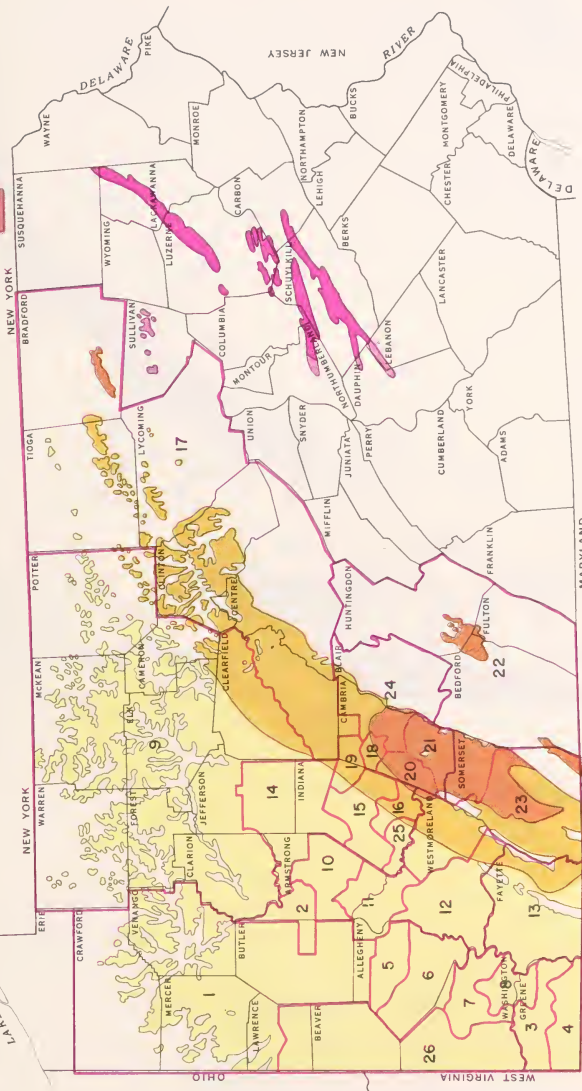
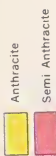


DISTRIBUTION OF PENNSYLVANIA COALS

Bituminous Deep Mine Inspection Districts



ANTHRACITE FIELDS

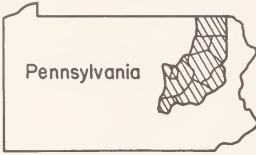


- | | | |
|-------------------------|------------------------------|-----------------------|
| 1. Jesse L. Bolen, Act. | 16. L. C. Kimmel | 21. E. H. Pauley |
| 2. Jesse L. Bolen, Act. | 17. G. F. Moody, Act. | 22. Michael Phillips |
| 3. P. H. Hyatt | 18. Joseph P. Martelli, Act. | 23. Wayne L. Reynolds |
| 4. Edward C. Urbany | 19. William Garay | 24. A. E. Valeri |
| 5. Frank J. Shoaf, Jr. | 20. Eno Chelini | 25. R. E. Fulton |
| | | 26. A. M. Pawlosky |

76°

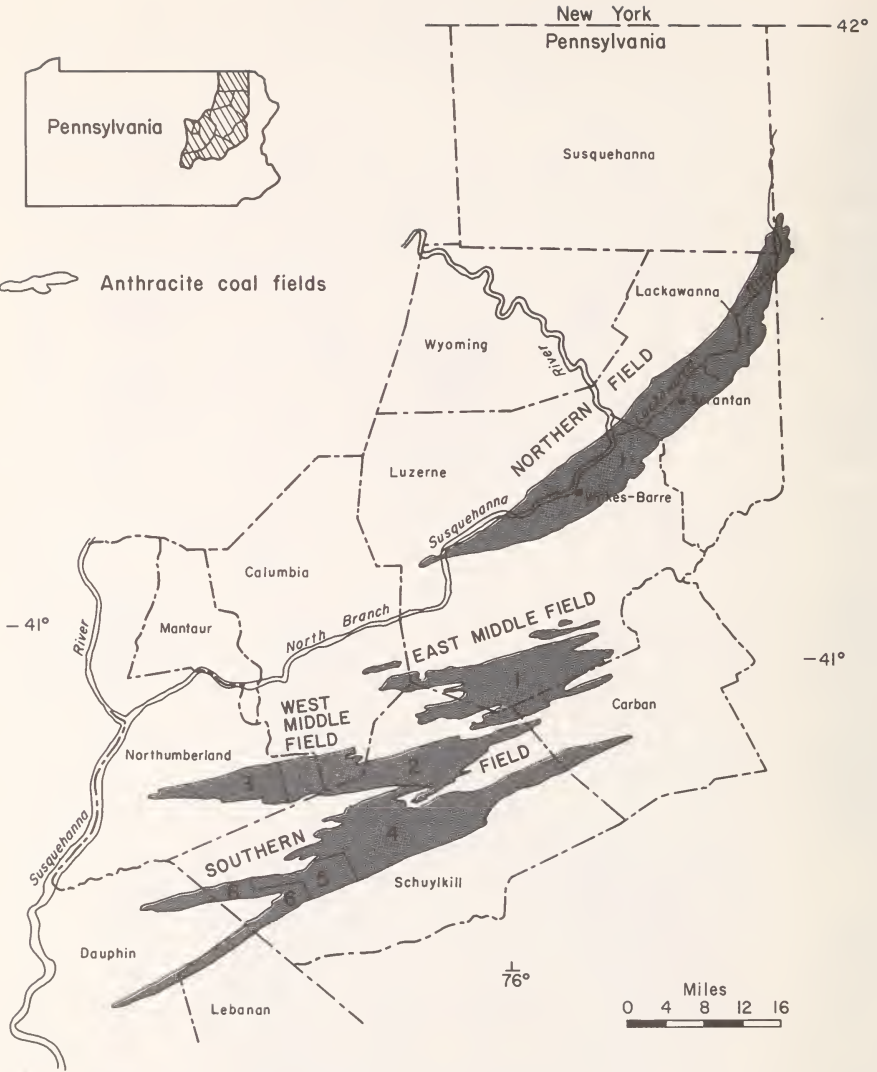
New York
Pennsylvania

42°



Pennsylvania

Anthracite coal fields



District	Mine Inspector
1	R. T. Shober
2	L. W. Rogers
3	C. E. Kashner
4	J. J. Halaburda
5	A. E. Hand
6	C. E. Miller

FATAL ACCIDENTS

REPORT OF FATAL ACCIDENT

Robert T. Shober, Mine Inspector

1st Anthracite District

On January 4, 1978 at approximately 2:00 p.m., Thomas Kasabo, a locomotive operator, 53 years of age, single with two years experience in that position and eight and a half years experience around the mines, was killed when caught between the locomotive and a loaded railway car at the Jeddo #7 Breaker operation of the Jeddo-Highland Coal Company, Harleigh, Hazle Township, Luzerne County.

DESCRIPTION OF THE ACCIDENT

The victim and his helper, while executing their duties as locomotive operator and brakeman, pulled a loaded railway car from under the breaker onto the scale. The brakeman then opened the coupling on the locomotive so that the loaded car, after being weighed, could run by gravity onto the loaded car track. The car runner then ran the loaded car onto the loaded car track. Not having enough momentum, the loaded car stopped approximately five feet short of the loaded trip, and as a result, did not couple up. The car runner informed the locomotive crew that the last car had not coupled to the loaded trip and then returned to the loading gallery to continue his regular duties.

The locomotive crew proceeded on the empty car track, which is immediately adjacent to the loaded car track, to pull an empty car under the breaker. Upon returning with the empty car, the locomotive crew noticed that the loaded car was moving. The operator stopped the locomotive and instructed the brakeman to run around and put the brake on the loaded car. While the brakeman was applying the brake he heard a bump. He went around the locomotive and found the operator pinned between the loaded car and the locomotive cab. He ran to the scale for help. A former employee, who was familiar with the locomotive, moved it to release the victim.

The victim was placed in the Hazleton Community Ambulance and transported to the Hazleton State General Hospital where he was pronounced dead on arrival at 2:45 p.m.

The machinery involved was a General Electric diesel-electric, 235 horsepower, locomotive and a 92 ton railway car, number P&LE 67940.

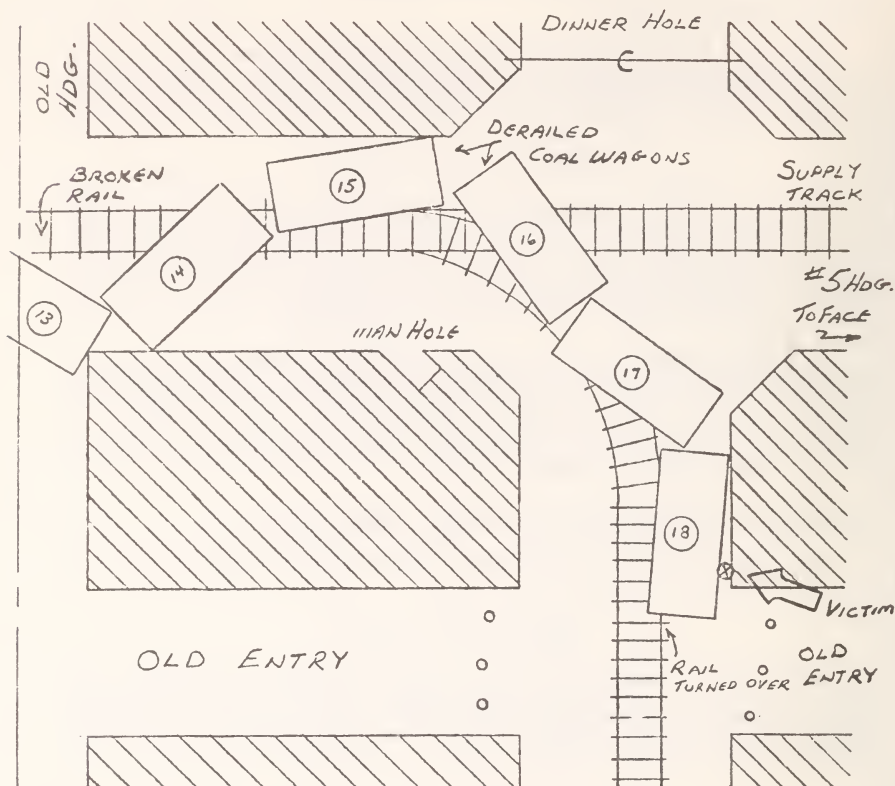
CAUSE OF THIS ACCIDENT

Since there were no witnesses to the accident, it is assumed the operator, for some unknown reason, stepped out of the cab of the locomotive onto the platform and leaned over the side. Whether the car or the locomotive moved could not be determined; but as a result, the victim was pinned between the loaded car and the cab of the locomotive, causing the fracture-dislocation of his cervical vertebrae, with the transection of his spinal cord.

MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by the following:

- 1) The car runner shall see that the loaded cars are properly secured at all times.
- 2) The brakeman shall see that the empty cars are properly secured at all times.
- 3) The locomotive operator, upon learning of any cars not being properly secured, shall immediately secure them before continuing any other operation.



DATE - 4/18/78
 TIME - 11:30 AM
 LOCATION - 7 SOUTH SECTION
 VICTIM - PHILLIP P. FERRUTI #306
 WITNESSES - PETER SHLOSKY #14
 ANGELO B. ALBANI #298

TITLE:

SCENE OF FATAL ACCIDENT
 TO MR. PHILLIP P. FERRUTI
 IN 7 SOUTH SECTION

NEMACOLIN MINES CORPORATION
 NEMACOLIN, PA.

DATE: 4/18/78

DWG. NO.

SCALE: 1" = 10'

BLA-00095-0

DR. J. ROSS

CH.

REPORT OF FATAL ACCIDENT

Paul H. Hyatt, Mine Inspector
Robert Fulton, Mine Inspector

3rd Bituminous District

On April 18, 1978 at approximately 11:30 a.m. Phillip P. Ferruti, 59 years of age, a continuous miner operator, with 35 years mining experience, 18 years as a continuous miner operator, was killed instantaneously from a runaway coal trip hitting loaded cars at the bottom of a steep grade, crushing the victim against the rib while he was working in 7 South Section, Nemacolin Mine, Nemacolin Mines Corporation.

DESCRIPTION OF THE ACCIDENT

The shift entered the mine at 7:00 a.m. The victim and his buddy and a shuttle car operator were traveling along the right side of a trip of coal when a trip of coal being hauled up a steep grade broke loose from two motors six hundred feet up the grade, due to the motor jumping the track next to the coal trip, causing the mine coal cars to come uncoupled from the motors. The wagons were traveling at such a great rate of speed. According to the two witnesses, they did not see the cars coming down the grade (it just sounded like a jeep running away for an instant). There were fourteen runaway loaded cars that hit the loads at the bottom of the grade, thus pinning the injured against the rib which resulted in his instant death.

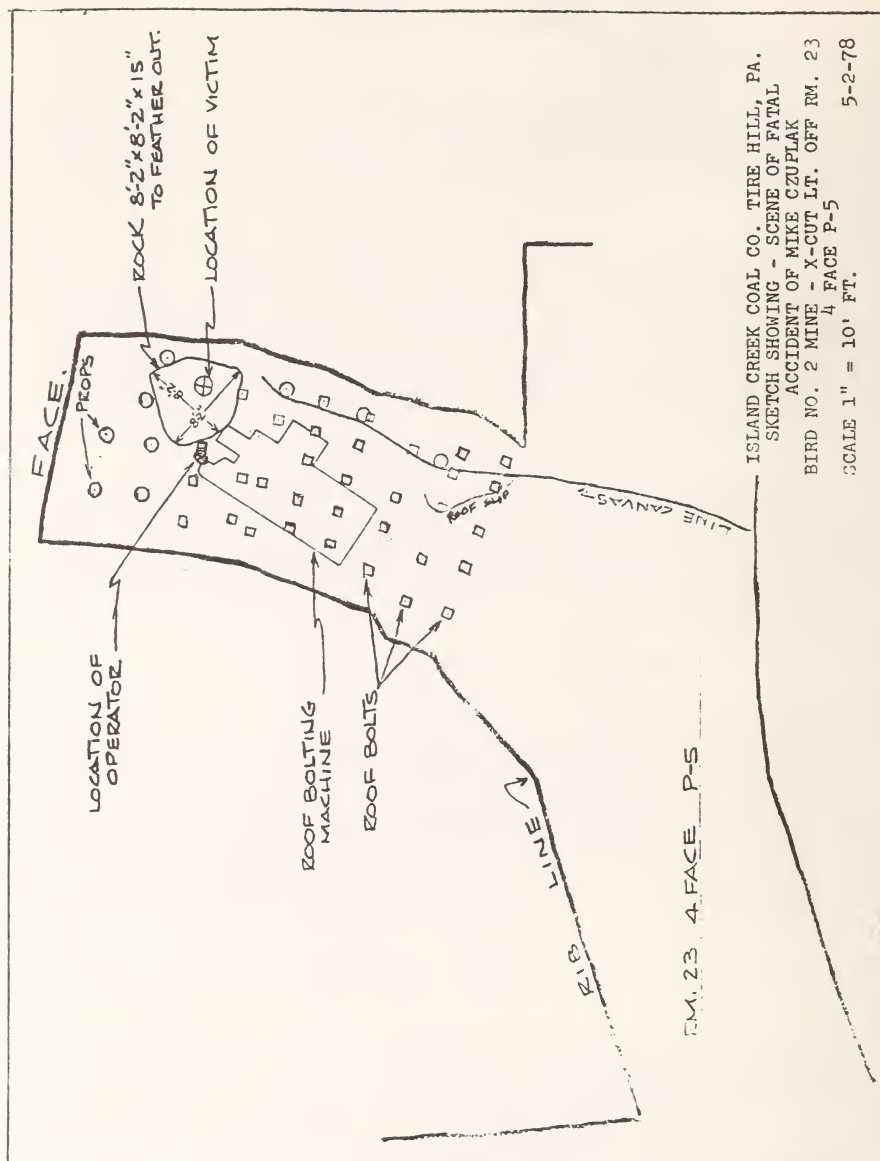
CAUSE OF THIS ACCIDENT

This accident was caused by the motor next to the coal trip being hauled up the grade and coming uncoupled resulting in the coal trip running down the steep grade. There was no drag on the back of the trip and no derail to stop the trip from running away. Due to the trip running away, eight of the fourteen cars were derailed, and all four (4) loaded cars at the bottom of the grade were derailed pinning the injured to the mine rib crushing him. The two witnesses, Pete Shlosky and Angelo Albani, said they could not see the trip, and they believe Phillip P. Ferruti did not see the runaway trip. The victim was killed instantly.

MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by the following:

- 1) Using drags on the back end of trips being hauled up grades.
- 2) There will be a wreck latch installed on the grades before any trips are hauled up the grade.
- 3) A chain will be used to secure the mine cars to the motors, hauling the trips.
- 4) Loads will be limited to a safe number to be hauled.
- 5) Employees will not be permitted to travel along the track when and where coal is being hauled.
- 6) Plates will be installed or new type bumpers purchased and installed on the motors to prevent wagons from breaking loose from a trip being hauled, making it impossible for trips to break loose and run away.
- 7) Dinner holes will be moved in by the loading ramps to prevent men from traveling along the haulageways.



ISLAND CREEK COAL CO. TIRE HILL, PA.
 SKETCH SHOWING - SCENE OF FATAL
 ACCIDENT OF MIKE CZUPLAK
 BIRD NO. 2 MINE - X-CUT LT. OFF RM. 23
 4 FACE P-5
 SCALE 1" = 10' FT. 5-2-78

REPORT OF FATAL ACCIDENT

E. H. Pauley, Mine Inspector
J. P. Boback, Assisting Mine Inspector

21st Bituminous District

DESCRIPTION OF THE ACCIDENT

On May 2, 1978 at approximately 10:30 p.m. Mike Czuplak, roof bolter helper, age 53, 31 years experience at this mine, 3 years on this job, was helping Joseph Shenago, age 57, with 27 years experience at this mine, 7 years as a roof bolter, roof bolt in the cross-cut off #23 room in the P-5 section. After installing 2 rows of bolts and 3 bolts in the third row the victim knocked out a temporary post so that the bolting machine could be repositioned, when a piece of rock 8 feet 2 inches in diameter and 14 inches thick, feathered out on all edges, fell on him killing him instantly. The operator under the canopy received a compound fracture of the left arm, which was extending out from the canopy. The rock fell in front of the canopy, striking a glancing blow. The operator saw that he could not help the victim. He went to the phone to call for help. Robert Rouser, a section foreman and trained E.M.T. was nearby. Rouser took the men and went to the scene of the accident. He immediately checked the victim and felt no pulse. Rouser checked the operator and treated him and sent him to the surface. He and the other men jacked the rock up and removed the victim and brought him to the surface where the Coroner verified his death. The victim was placed in an ambulance and removed to the hospital.

CAUSE OF THIS ACCIDENT

This accident was caused by the victim knocking out a post without setting additional support, causing a piece of rock to fall on the victim, killing him instantly. The rock was supported by the post the victim knocked out.

MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by the following:

- 1) Setting additional roof support before moving posts or supports.
- 2) Using better observation of sound and vibration methods.

ROOF FALL FATALITY

#1 Heading

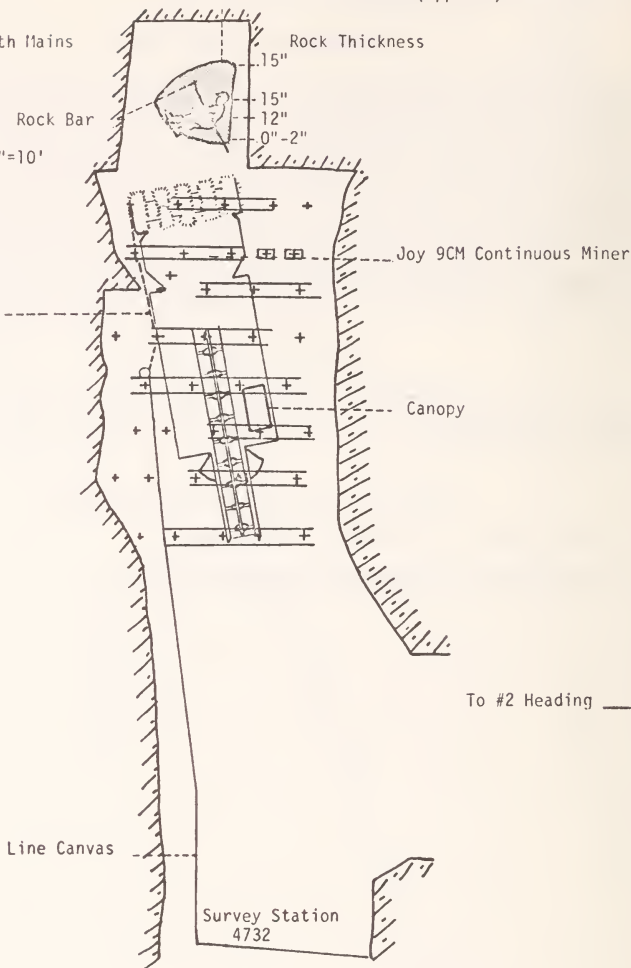
Charles Barr
5-9-78
Helvetia Coal Co.
Lucerne #6
1 Right 13 Butt North Mains

Rock with feathered edge 6'8" long (see additional sketch)
Rock fell 6'4" from Roof (Approx.)

Approximate Scale 1"=10'

- + Roof Bolt
- Post
- ≡ Roof Mat
- Header

Line Canvas torn
down by Continuous
Miner



REPORT OF FATAL ACCIDENT

Robert Fulton, Mine Inspector
Raoul Vicinelly, Mine Inspector

25th Bituminous District

On May 9, 1978 at approximately 10:15 p.m. Charles Barr, age 24, a continuous mine machine operator helper, was killed at Lucerne #6 Mine, Helvetia Coal Company, when he was apparently pulling down a piece of rock, which fell on him, after a mining cut had been made.

DESCRIPTION OF THE ACCIDENT

In #1 Entry of 1 Rt., 13 Bt. North, the miner had mined the left lift ahead to a distance of 16' 8" beyond the last permanent roof support. The miner operator then backed the miner out of the cut in order to clean up the loose coal on the bottom. At this time Charles Barr, the continuous miner operator helper, took a rock bar and pulled down a piece of rock along the outby right side corner of this recently mined cut. He then proceeded inby the last permanent roof support (6' to 8') with a rock bar with the probable intention of pulling down another piece of rock. The rock above him then fell and crushed him.

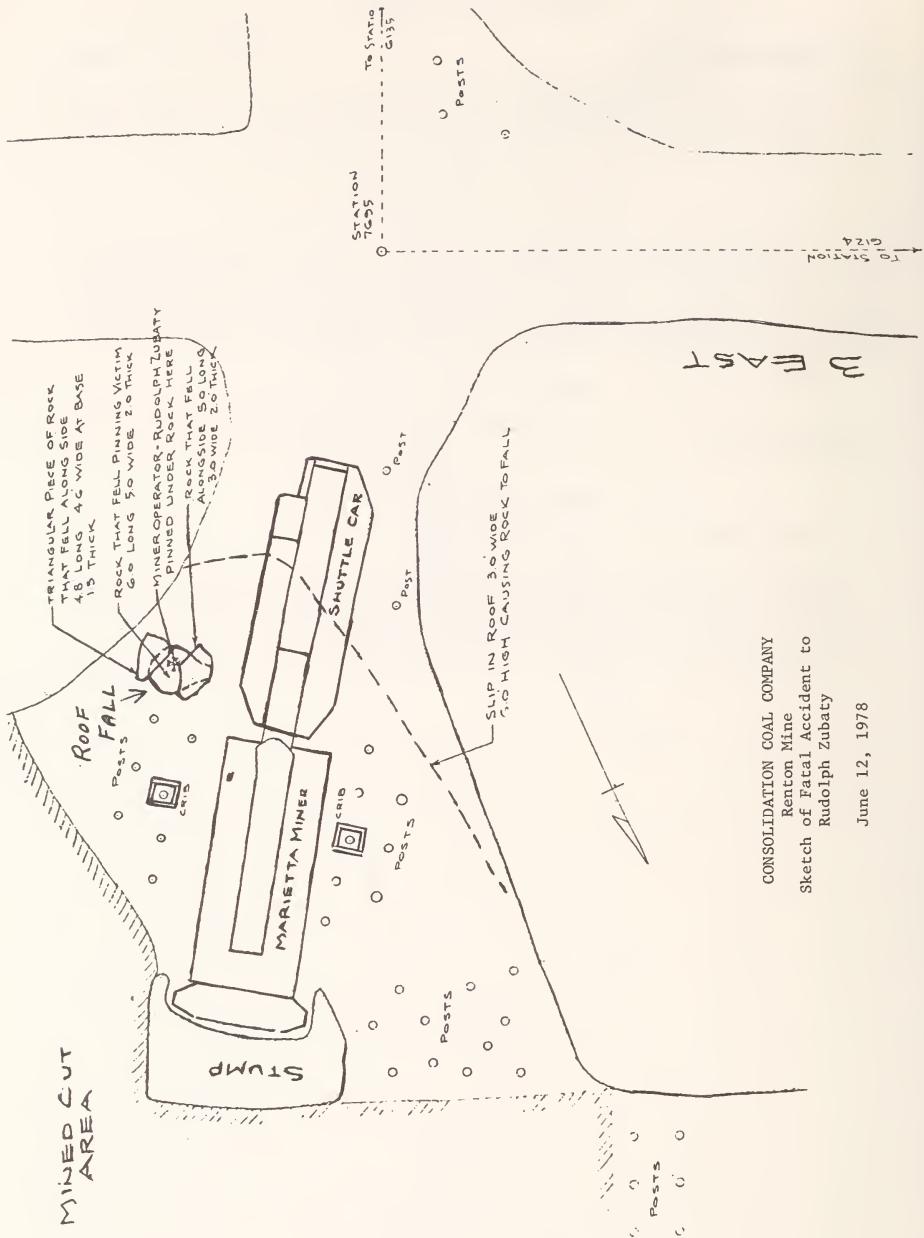
CAUSE OF THIS ACCIDENT

The victim proceeded into an area in which the roof was not supported. He was in the process of scaling down roof.

MEANS OF PREVENTING A SIMILAR ACCIDENT.

A similar accident can be prevented by the following:

- 1) According to the roof control plan for the Lucerne #6 Mine, only those persons engaged in installing temporary roof supports shall be allowed to proceed beyond permanent roof supports until such temporary supports are installed. This safety precaution must be obeyed by all persons.
- 2) There shall be strict compliance with the adopted roof control plan of this mine.
- 3) Whenever adverse conditions prevail in the mine, proper supervision and instruction must be provided at all times.



CONSOLIDATION COAL COMPANY

Renton Mine

Sketch of Fatal Accident to

Rudolph Zubaty

June 12, 1978

REPORT OF FATAL ACCIDENT

F. J. Shoaf, Jr., Mine Inspector

5th Bituminous District

On June 12, 1978 at approximately 6:50 a.m. Rudolph Zubaty, age 60, was fatally injured from a piece of falling rock at the Consolidation Coal Company, Renton Mine in the 3 Main East Section number two entry crosscut.

DESCRIPTION OF THE ACCIDENT

Mr. Rudolph Zubaty entered the mine on the 12:01 a.m. shift and during his shift, at 6:50 a.m., he was in the act of loading coal into a shuttle car from the wing push stump when the roof collapsed on the miner cab, two cribs, one being on each side of the miner, and partially covering the shuttle car back to the cab of the operator. When the dust settled the continuous miner operator helper, Mr. J. Lopett, Sr., said he had his head in the cab under the canopy with Mr. Zubaty. He said I told Rudy, "you are o.k. in the cab. I'm exposed out here so you stay in the cab under the canopy and I am going out of here." Mr. Lopett cleared the edge of the fall area and heard Rudy groan. He looked back and saw the victim under the rock.

The section Assistant Mine Foreman, Mr. John Krusper, stated he could not see the injured man as he was covered with rock. He called to the injured man and he responded, "help me, help me." The members of the section crew all aided in removing the injured from under the rock and then placed him on a stretcher. There were no signs of life. He was transported to the mine first aid room on the surface where he was examined and pronounced dead by Dr. Frank Davie.

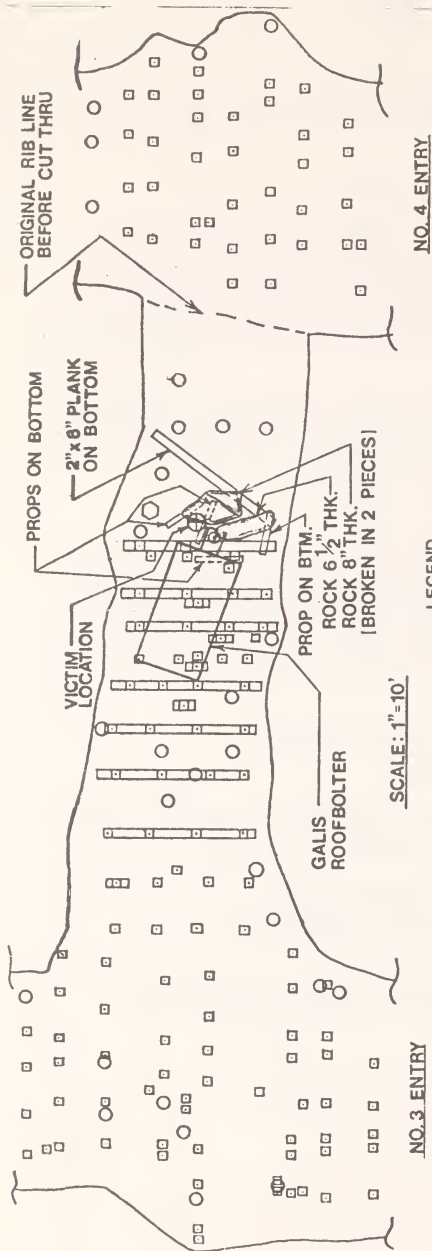
CAUSE OF THIS ACCIDENT

The underground investigation was made and the working place was posted, bolted and two cribs set according to the approved roof control plan for this mine. It was found during the investigation that a slip in the roof ran the full length of the working area, with a small slip on a diagonal to the right of the big slip. As the push block was being mined the rock let go along the slips. These (slips) were not visible before the fall as roof coal was left in the working places, thus hiding the slips. The roof was not working prior to the fall, no signs of the working area taking weight on the safety post or cribs until the roof let go along the slip suddenly.

MEANS OF PREVENTING A SIMILAR ACCIDENT

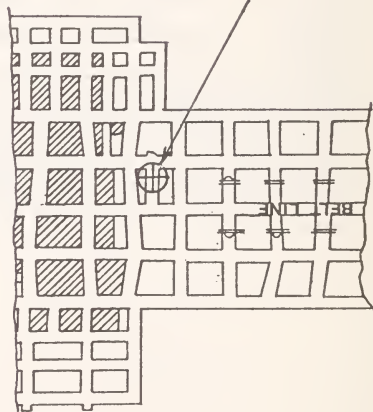
A similar accident can be prevented by the following:

- 1) The roof in the working areas must be examined both visually and by the sound and vibration methods.
- 2) A true and honest evaluation of the roof conditions must be made by the Foreman and working personnel.
- 3) When unusual, abnormal conditions (slips in the roof, soapy roof, etc.) are encountered, the Foreman must be present to supervise and evaluate the conditions of the roof.
- 4) Supervise the positioning of cribs, post and jacks to get maximum support.
- 5) Explicit instructions must be given to the workmen in the procedure and method of carrying out their assignments in a safe and orderly manner.
- 6) Men engaged in this type of work must be trained in safe work procedures.
- 7) In this particular instance, if the victim would have stayed in the protective canopy a little longer, he could have walked safely out to the area.



LEGEND

- PROP
- ROOFBOLT
- ROOF-JACK
- 2"x6"x13' PLANK
- WOOD BLOCK



BETHLEHEM MINES CORPORATION
CAMBRIA DIVISION EBENSBURG, PA.

MINE 31

SKETCH SHOWING SCENE OF FATAL
ACCIDENT TO KENNETH R. VIVIS
ACCIDENT OCCURRED 6-22-78 IN
CROSSCUT BETWEEN NO. 3 AND NO. 4
ENTRIES 4-RT. 5-CROSS

SCALE: AS NOTED DATE: 6-26-78

REPORT OF FATAL ACCIDENT

Eno Chellini, Mine Inspector
Robert Fulton, Mine Inspector

20th Bituminous District

On June 22, 1978 at approximately 7:00 p.m. Kenneth R. Vivis, a roof bolter, with three years, three months total mining experience, was killed at Mine #31, Bethlehem Mines Corporation, Cambria County, while in the process of roof bolting.

DESCRIPTION OF THE ACCIDENT

The victim and his helper were in 22 room, 4 Rt. 3 Cross Section, bolting the roof for a cut. There was a slip in the roof and it was heavy or "drummy" when tested. The victim and his helper were instructed to set temporary posts and then "pin" the cut. The helper stated that some temporary posts were set and some pins were installed when the victim moved his bolting machine (to set another bolt) and bumped and knocked out two posts, causing the rock to break loose and fall on him and the machine.

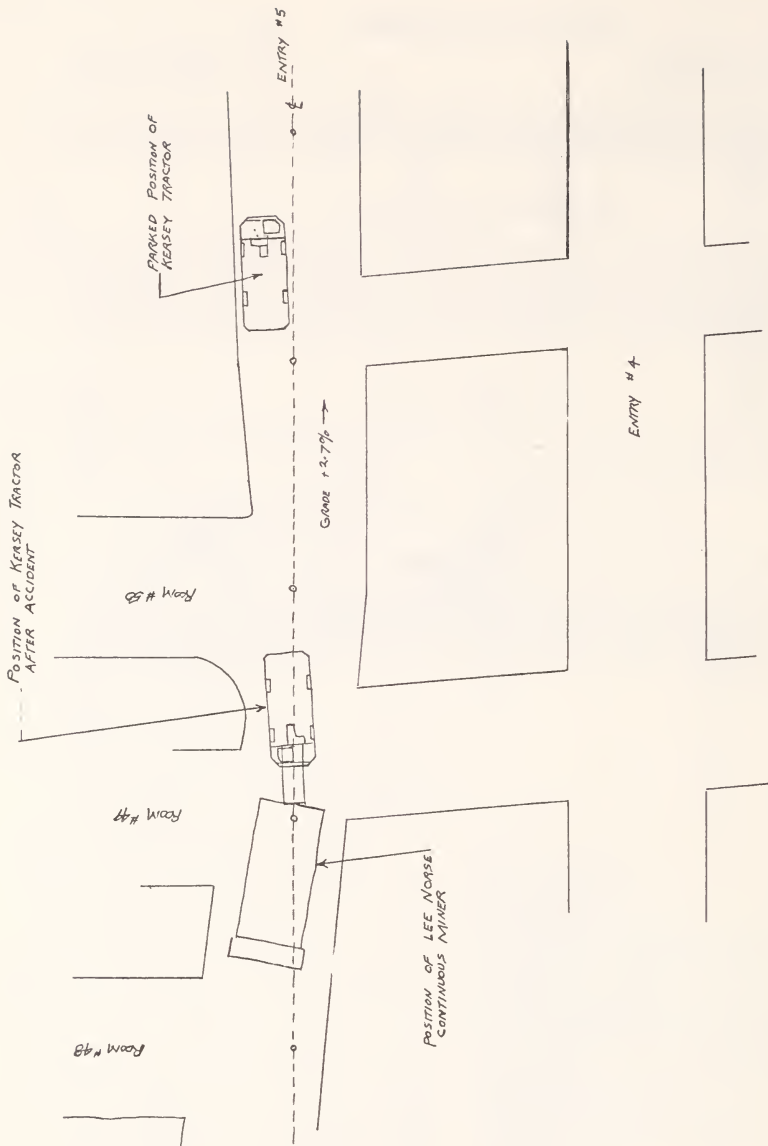
CAUSE OF THIS ACCIDENT

The cut was not made according to the roof control plan. The knocking out of the temporary posts caused the rock to fall on the victim.

MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by the following:

- 1) Section 222 (Par. A;C;G;) -- Section 252 of the Bituminous Coal Mine Act shall be complied with. The mine foreman shall have meetings with the employees on safety procedures concerning the proper methods of installing roof supports and the proper method of mining a cut in accordance with the roof control plan. The mine foreman shall notify the district by letter when this has been accomplished.



WORKING SECTION: 1 BUTT LT, NW MAINS (014)
 CARTERTOWN COAL & COKE CO
 MANHAWK CREEK MINE #2
 SCALE: 1" = 10' FT
 ACCIDENT OCCURRED SEPT 19, 1978 1:35 PM

REPORT OF FATAL ACCIDENT

Jesse Bolen, Mine Inspector

10th Bituminous District

On September 19, 1978 at approximately 1:35 p.m. Leroy Anderson, age 54, a miner helper, was fatally injured in a transportation accident at the Mahoning Creek #2 Mine, Carpentertown Coal and Coke Company, Templeton, Armstrong County. The victim had 31 years experience in mining with 3 years experience as a miner helper at the time of the accident.

DESCRIPTION OF THE ACCIDENT

Due to the limited height of the roof, the handling of miner cable presents a problem, and it is moved by using a battery tractor. Prior to the accident, the victim left the miner parked and went to get the battery tractor which was parked approximately 100 feet outby the miner in the same entry. The battery tractor was driven towards miner location to room #50 with the operator (victim) on outby end of tractor. The tractor was driven into the entry of #50 room for the purpose of turning around in preparation for travel directly outby miner in which cable would be pulled. In maneuvering the tractor to the position desired, the deceased backed the operating end of the tractor underneath the partly raised conveyor with the parked miner. In doing so, his head came in contact with the top of the battery tractor control panel box and a conveyor chain flight of the underneath part of the miner rear conveyor, causing a severe crushing injury that fatally injured the victim.

CAUSE OF THIS ACCIDENT

The victim backed the battery tractor into the rear conveyor area of the miner.

MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by the following:

- 1) Rear conveyor of all miners will be lowered to mine floor when miner is stopped or parked.
- 2) Operators of all tractors must be on outby end of tractor when approaching rear conveyor of a miner to have miner cable attached for pulling.
- 3) Miner operator shall hook cable on to inby end of tractor and inform tractor operator when to move.

MINE ROOF

WESTINGHOUSE BREAKER BOX 300 KVA

7200 VOLTS

440 VOLTS

48"

BREAKER
PANEL

GROUND
CHECK
RELAYS

OVERLOAD
PANEL

FUSE
HOLDER
CLIPS

BLOOD

VICTIM KNEELING
HERE ON PANEL
DOOR WHILE WORKING
ON PANEL

WESTINGHOUSE
FUSES (BAD)

? ? VOLTAGE

FATAL ACCIDENT SKETCH
MARION MINE

TUNNELTON MINING CO.

OCTOBER 14, 1978

TERRY ALAN McKNIGHT

WALTER I. CHRISTOPHER

MINE INSPECTOR

11TH DISTRICT

MINE FLOOR BOTTOM

AREA DAMP TO WET

NO RUBBER MATS

NO RUBBER GLOVES

NO RESUSCITATION CHART

NO FIRE EXTINGUISHERS

REPORT OF FATAL ACCIDENT

Walter I. Christopher, Mine Inspector
Edgar Shoemaker, Electrical Mine Inspector
William Stiles, Electrical Mine Inspector

11th Bituminous District

On October 14, 1978 at approximately 6:45 a.m. Terry Alan McKnight, a mechanic with five years, nineteen days total mining experience, was killed from electrical shock at the Marion Mine of the Tunnelton Mining Company, Saltsburg, Indiana County, Pennsylvania.

DESCRIPTION OF THE ACCIDENT

The mechanic was attempting to locate trouble in the control panel circuit of an energized Westinghouse 300KVA Power Center as the Breaker would not reset for power to a Lee-Norse Miner that was going to be used to clean up a slate fall just inby the Power Center. Using the red and black probe (Testing) wires from an OHM Meter Testing Kit, the victim first attached the metal tip end of the red wire to the top and bottom of the one metal fuse holder clip (the two fuses of unknown amperage had been removed, tested, and found to be bad) and was using wires as jumpers. The victim then took the black wire and placed the short metal tip (Jack) end in the palm of his left hand; and with the long metal tip of the other end of the black wire in his right hand, he touched some spot on the other metal fuse clip holder which resulted in electrical shock. The Loading Machine Operator Helper who had been assisting the victim immediately knocked the wire from the victims hands by using the wood handle of a testing pick hammer, which released the victim from the electrical current. He immediately started to administer first aid to the victim and at the same time yelled for his fellow workers for help. The victim was also administered mouth to mouth resuscitation by an experienced EMT fellow worker. The victim was bleeding from his left eye, his nose, and mouth. He was very wet from being outside on the surface while it was raining and also from perspiration prior to the accident.

CAUSE OF THIS ACCIDENT

This accident was caused as a result of victim checking the Westinghouse 300KVA Power Center with the electrical power being energized to the electrical control circuit and no safety precautions being used to prevent the possibility of electrical shock.

MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by the following:

- 1) In the future, no work will be performed on any type of electrical equipment with the power energized unless rubber gloves, rubber mats, or some other type of insulating material is provided at all times, in accordance with Article 3 of Section 304 of the Bituminous Coal Mining Laws of Pennsylvania.

ANTHRACITE REGION STATISTICAL REPORTS

ANTHRACITE REGION

Production, Employes, Fatalities, 1870 to 1978

Year	Production (Net Tons) #	Washery and Bank Production*	Stripping Production*	Employes #	Fatal- ities #	Produc- tion per fatality #	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	110,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110	c		138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,227		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25

Year	Production (Net Tons)	Washery and Bank Production*	Stripping Production*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,927	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,483	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,611,189	5,996,536	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21
1967	11,552,441	3,335,557	4,910,209	7,828	9	1,283,605	0.78	21
1968	11,025,482	3,571,862	4,918,353	6,682	4	2,756,370	0.36	16
1969	10,165,805	3,319,018	4,696,123	6,461	13	781,985	1.28	16
1970	9,248,011	2,956,707	4,624,610	6,286	4	2,312,002	0.43	16
1971	8,187,961	2,492,178	4,450,457	5,816	2	4,093,980	0.24	16
1972	6,462,093	2,072,658	3,492,444	4,431	3	2,154,031	0.47	16
1973	6,293,013	2,305,265	3,284,905	4,053	1	6,293,013	0.16	12
1974	6,090,421	2,645,613	2,812,618	3,831	2	3,045,210	0.32	12
1975	5,628,741	2,520,415	2,511,703	3,877	1	5,628,741	0.17	14
1976	5,291,776	1,817,306	2,958,115	3,641	1	5,291,776	0.18	13
1977	5,060,689	1,663,864	2,896,979	3,603	11	460,063	2.17	13
1978	5,037,960	1,480,352	2,962,880	3,472	1	5,037,960	0.20	13

* Included in total production

No accurate record previous to 1870

c No accurate record previous to 1894

% No accurate record previous to 1932

** In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

ANTHRACITE REGION
PRODUCTION OF COAL, EMPLOYES AND FATALITIES BY COUNTY

1978

County	Deep Mined Production	Strip Mined Production	Bank Production	Total Production	Deep Em- ploys	Strip Em- ploys	Bank Em- ploys	Breaker & Washery Employees	Fatal Acci- dents	Production Per Fatal	Nonfatal Acci- dents
Bradford	-	132,263	-	132,263	-	19	-	-	19	-	2
Carbon	-	85,153	43,518	128,671	-	76	9	8	93	-	-
Columbia	23,417	33,958	-	57,375	43	22	-	-	65	-	3
Dauphin	9,353	-	20,542	29,895	13	-	3	18	34	-	-
Lackawanna	-	18,712	61,727	80,439	-	9	19	29	57	-	-
Luzerne	-	886,485	432,351	1,318,836	-	346	47	280	673	1	48
Northumberland	75,548	307,891	299,997	683,436	113	186	17	173	489	-	63
Schuylkill	486,410	1,438,989	622,217	2,547,616	510	717	118	659	2,004	-	251
Sullivan	-	58,276	-	58,276	-	30	-	8	38	-	-
REGION TOTAL	594,728	2,961,727	1,480,352	5,036,807	679	1,405	213	1,175	3,472	1	367

SUMMARY OF ANTHRACITE MINES PRODUCTION AND FATALITIES BY DISTRICT

1978

District	Inspector	Operators	Number of Deep Mines	Number of Bank Mines	Number of Breaker and Washery Plants	Total Number of Operations	Number of Non-Gaseous Mines	Deep Em- play- es	Bank Strip Em- play- es	Breaker and Washery Em- es	Total Em- es	Deep Mined Production	Bank Mined Production	Strip Mined Production	Total Production	No. of Fatal Accidents	Pro- duc- tion Fatal	Number of Fatal Accidents		
1	R. T. Shober	27	-	28	-	28	56	-	-	79	-	357	436	-	563,564	1	563,564	24		
2	L. W. Rogers	32	23	15	-	12	50	2	21	102	55	217	374	46,660	296,657	-	343,317	-		
3	C. E. Kashner	34	27	4	-	10	41	1	26	97	10	100	207	60,261	216,321	-	276,582	-		
4	Joseph Halebruda	27	8	11	-	20	39	-	8	32	49	-	314	395	16,880	120,159	-	137,039	-	
5	A. E. Hand	32	25	4	-	8	37	6	19	201	17	-	155	373	241,382	263,109	-	504,491	-	
6	C. E. Miller	25	21	1	-	4	26	4	17	247	3	-	32	282	229,545	20,542	-	250,087	-	
50	Harry Poole	3	-	-	5	-	5	-	-	-	49	-	-	190,539	-	-	-	2		
53	James Gaughan	9	-	-	11	-	11	-	-	80	-	-	80	-	112,716	-	-	5		
56	George Thomas	3	-	-	3	-	3	-	-	12	-	-	12	-	30,090	-	-	-		
57	James Leber	18	-	-	29	-	29	-	-	228	-	-	228	-	435,220	-	-	15		
58	Walter Dietzle	7	-	-	16	-	16	-	-	503	-	-	503	-	1,201,068	-	-	24		
59	Joseph Ruane	9	-	-	24	-	24	-	-	196	-	-	196	-	311,759	-	-	10		
60	Robert Whitmer	17	-	-	25	-	25	-	-	337	-	-	337	-	680,335	-	-	38		
REGIONAL TOTAL		243	104	63	113	82	362	13	91	679	213	1,005	3,472	594,728	1,480,352	2,961,727	5,036,807	1	5,036,807	367

ANTHRACITE REGION

Production, How Shipped, Average Days Worked, Employees, Explosives
Fatal and Nonfatal Accidents

By Inspection District -- 1978

District	PRODUCTION - NET TONS				EXPLOSIVES				Aver- age Days Worked	Number of Employees	Fatal Accidents	Non- Fatal Accidents
	Shipped to Market By Railroad	By Truck	Sold to Local Trade	Used at Mine for steam and heat	Total Production	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other				
1	153,723	397,483	12,102	256	563,564	-	-	-	187	436	1	24
2	181,450	144,720	16,802	345	343,317	-	48,275	1,225	224	374	-	98
3	12,899	256,282	7,401	-	276,582	-	400	24,520	198	207	-	14
4	38,868	90,540	7,631	-	137,039	-	10,950	-	208	395	-	35
5	31,057	413,946	58,060	1,428	504,491	-	3,500	154,450	213	373	-	8
6	66,673	140,463	42,074	877	250,087	-	70,400	40,525	190	282	-	94
50	-	190,258	281	-	190,539	1,319,566	8,266	-	237	49	-	2
53	16,660	57,575	38,451	30	112,716	2,825,900	22,750	-	229	80	-	5
56	-	30,090	-	-	30,090	2,950	950	1,750	99	12	-	-
57	93,475	317,628	23,686	431	435,220	5,038,007	87,316	40,370	264	228	-	15
58	589,437	551,300	56,152	4,179	1,201,068	5,744,980	10,753,776	-	285	503	-	24
59	79,019	154,971	34,767	43,028#	311,759	1,623,092	32,005	-	231	196	-	10
60	233,793	341,897	104,541	104	680,335	5,470,594	621,565	5,000	215	337	-	38
TOTAL	1,497,054	3,087,153	401,948	50,628#	5,036,807	22,029,089	11,660,153	267,840	223	3,472	1	367

41,225 tons stocked

SUMMARY OF EMPLOYES BY DISTRICT

ANTHRACITE REGION--1978

District	INSIDE EMPLOYES					OUTSIDE EMPLOYES					Total
	Foreman	Miners	Miners	Laborers	All Others	Total Inside	Super-intendents	Office	Washery	Breaker and	Total Outside
1	-	-	-	-	-	-	2	-	357	77	436
2	21	35	6	6	2	64	1	3	217	89	310
3	24	43	5	5	-	72	2	-	100	33	135
4	9	13	2	2	2	26	5	-	314	50	369
5	32	90	43	43	4	169	4	-	155	45	204
6	35	84	69	69	12	200	2	2	32	46	82
50	-	-	-	-	-	-	9	-	-	40	49
53	-	-	-	-	-	-	15	-	-	65	80
56	-	-	-	-	-	-	2	-	-	10	12
57	-	-	-	-	-	-	42	-	-	186	228
58	-	-	-	-	-	-	62	-	-	441	503
59	-	-	-	-	-	-	10	-	-	186	196
60	-	-	-	-	-	-	29	-	-	308	337
REGION TOTAL	121	265	125	125	20	531	185	5	1,175	1,576	2,941
											3,472

ANTHRACITE REGION
OPERATORS PRODUCING 25,000 OR MORE TONS

1978

<u>District</u>	<u>Operator</u>	<u>Production</u>
1,2,57,58	Jeddo-Highland Coal Company	649,321
2,3,4,57,59,60	Reading Anthracite Company	442,762
4,58	Bethlehem Mines Corporation	381,581
5,6,60	Leon E. Kocher Coal Company	244,461
1,53,57,58	Beltrami Enterprises, Inc.	218,895
3	Leckla Machinery & Equipment Coal Co.	192,432
1	Ken Pollock, Inc.	167,466
5	Keim & Tallman Coal Company	156,764
50	Jones & Brague Mining Company	132,263
3,59	Kerris & Helfrick, Inc.	130,362
57	Gale Coal Company	110,238
2	B-D Mining Company	107,418
2	Gilberton Coal Company	106,866
60	C-L-S Coal Company	104,289
59	Rosini Coal Company	97,026
4,5	Manbeck Dredging Company	95,728
60	G. M. P. Land Company	90,202
57,58	Lehigh Valley Anthracite	84,287
58	Brook Contracting Corporation	83,278
5	Bush Coal Company	80,828
56,57,58	N & L Coal Company	78,079
1	Heavy Media, Inc.	64,751
4,60	Schuylkill Contracting Company	64,174
1	Popple Brothers	62,901
1	Premium Fine Coal Company	61,190
58	Tri-County Land & Coal Company	50,915
4	C. T. Coal Company, Inc.	43,518
53	Kaminski Brothers, Inc.	37,828
59	Split Vein Coal Company, Inc.	37,021
50	John Percival	36,308
57	Gowen Coal Company	36,198
1,53	Lucky Strike Coal Company	27,724

ANTHRACITE FATAL ACCIDENT VICTIM

1978

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
1	Thomas Kasabo	Freeland	Jeddo-Highland Coal Co.	Jeddo #7 Breaker	1-4-78	Transportation (Outside)

CAUSE OF FATAL ACCIDENT BY COUNTY

1978

Cause	Bradford	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Total	Percent of Total Accident
Transportation (Outside)	-	-	-	-	-	1	-	-	-	1	100.00%

ANTHRACITE
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED
1847---1978

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep.	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler Explosion	5
	Aug. 10	Heins & Glassmire	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston No. 3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audentried	Lehigh & Wilkes-Barre Coal Co.	Audentried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Mine fire	7
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Raven Run	Fail of Roof	10
	Aug. 11	West End	West End Coal Co.	Mocanqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sep. 13	Marvine	D. & H. Coal Co.	Wilkes-Barre	Suffocated by gas	8
	Nov. 26	Conyngham	D. & H. Coal Co.	Ashtand	Suffocated by gas	12
1887	Apr. 27	Tunnel	Philadelphia & Reading Coal & Iron Co.	Big Mine Run	Suffocated by gas	5
	Oct. 1	Bast	Philadelphia & Reading Coal & Iron Co.	Middleport	Car fell on cage in shaft	10
1889	May 9	Kaska, William	L. C. & N. Co.	Plymouth	Explosion of gas	8
1890	Feb. 1	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Nanticoke	Explosion of gas	5
	Apr. 2	Susquehanna No. 4	Susquehanna Coal Co.	Ashtand	Explosion of gas	26
	May 15	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	13
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	7
	Oct. 23	Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	12
1892	Nov. 8	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	10
	Apr. 20	Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	15
	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	10
1893	Apr. 1	Neilson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	5
	July 22	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1978

Year	Date	Colliery	Company	Location	Cause of Accident	Number Killed
1893	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of Roof	13
	July 17	East Sugar Loaf	Linderman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
1895	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
1896	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
	June 28	Twin	Newton Coal Co.	Pittston	Fall of Roof	58
1897	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Mine fire	5
1898	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	6
	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
1900	Nov. 9	Buck Mountain	Mill Creek Coal Co.	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Parrish Coal Co.	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
1905	Feb. 18	Lytle	Lytle Coal Co.	Minersville	Fall of Roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
	Apr. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
1908	June 18	Johnson No. 1	Scranton Coal Co.	Piceburg	Explosion of gas	7
	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Explosion of gas	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Fall of Roof	5
	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Wilkes-Barre	Mine cars	6
1909	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from underground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1978

Year	Date	Colliery	Company	Location	Cause of Accident	Number Killed
1911	Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine Cars	5
	Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Parrish Coal Co.	Powder City	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	Sep. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Explosion of gas	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Fall of Roof	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	14
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of Roof, followed by an explosion of gas	7
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of Roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	5
	June 2	Volpe	Volpe Mining Co.	Pittston Twp.	Explosion of gas	8
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Explosion of gas	5
					Drown-blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12
1977	Mar. 1	Porter Tunnel	Kocher Coal Co.	Tower City	Inrush of water	9

STUDY OF ANTHRACITE BY COUNTY

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,634,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,754,134	685,253	867,363	15,312,853	27,459,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559
1935	1,703,018	824,803	549,467	10,437,254	21,056,166	5,469,278	10,377,524	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,546,144	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,264,016
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	99,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216 a	49,383	7,030	10,975	46,269,511
1939	2,514,152	962,346	376,960	9,198,552	23,377,666	4,815,235	9,885,719 b	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,538	9,259,463	22,672,016	4,499,464	11,242,175 c	50,844	86,149	9,071	51,526,454
1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153 d	49,179	21,686	10,015	53,942,177
1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,295,913	13,520,462 e	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,082,663	5,465,150	17,396,092 f	101,977	73,037	34,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594 g	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,665	16,711,399	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	*	58,227,985
1948	2,801,893	1,679,495	10,254	8,610,881	21,591,846	6,937,340	17,275,544 i	63,230	138,327	-	59,108,810
1949	2,126,682	1,380,732	61,389	6,221,743	15,989,846	5,200,490	13,538,194 j	23,585	167,457	-	44,710,118
1950	1,988,317	1,281,807	52,275	6,528,466	17,112,757	5,211,307	14,066,493 k	26,690	73,143	-	46,339,255
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079 m	28,762	21,662	-	42,389,055
1952	1,899,297	760,695	868	5,303,545	13,774,952	5,326,146	12,977,572 n	24,055	-	-	40,067,130
1953	1,561,836	745,649	21,811	3,555,642	10,201,927	4,247,561	10,142,880 o	18,085	-	-	30,495,391
1954	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	-	-	26,612,312
1955	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660 p	9,625	-	-	25,934,792
1956	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402 q	5,715	-	6,361	28,175,633
1957	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,518,317 r	6,841	-	-	25,163,466
1958	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839 s	15,173	1,680	27,683	20,456,474
1959	518,252	692,224	142,720	2,147,827	6,172,748	2,551,604	7,432,081 t	8,052	5,107	19,670,615	17,670,615
1960	519,583	696,234	129,002	1,853,008	5,380,696	2,414,599	6,933,916 u	13,828	679	1,568	17,721,113
1961	579,106	464,421	108,542	1,194,971	5,307,953	2,004,278	6,827,844 v	16,534	1,645	1,318	16,506,612
1962	497,925	411,185	110,384	1,079,459	6,090,572	1,702,891	6,583,012 w	10,786	9,512	589	16,496,315
1963	727,445	445,749	230,324	964,475	6,412,375	2,082,968	6,531,130 x	8,729	-	8,007	17,411,202
1964	531,442	910,704	237,555	679,898	5,649,906	2,267,083	6,011,519 y	13,081	1,499	16,524,687	14,229,817
1965	444,826	416,272	196,445	860,558	5,346,676	1,600,886	5,538,420 z	23,096	2,395	1,193	14,229,817
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,414	4,624,032 aa	20,474	1,137	-	12,031,375
1967	545,089	507,236	162,213	431,073	4,192,283	1,417,420	4,261,992 bb	34,766	369	-	11,552,441
1968	533,757	309,860	122,743	558,459	3,476,065	1,680,202	4,297,648	37,159	9,589	-	11,025,482
1969	497,159	327,999	52,613	441,475	3,360,976	1,309,666	4,133,984	40,808	1,125	-	10,165,805
1970	465,359	389,255	85,958	402,420	2,719,940	1,025,830	4,043,335	115,914	-	-	9,248,011
1971	323,810	232,698	45,400	397,957	2,598,269	894,462	3,569,335	125,913	117	-	8,187,961
1972	172,217	128,798	47,040	282,737	2,022,194	957,087	2,786,598	65,422	-	-	6,462,093
1973	98,164	10,565	36,652	124,460	1,960,579	955,362	2,975,474	38,130	3,627	-	6,293,013

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUIZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1974	204,516	37,975	73,103	133,287	1,453,190	1,044,012	3,102,366	34,691	7,281	-	6,090,421
1975	95,263	45,833	25,118	202,320	1,690,049	790,973	2,750,777	28,408	-	-	5,628,741
1976	255,955	67,588	25,252	105,428	1,414,307	716,907	2,646,600	57,353	2,386	-	5,291,776
1977	147,119	51,417	21,229	141,896	1,203,768	739,437	2,676,827	78,396 cc	-	-	5,060,689
1978	128,671	57,375	29,895	181,592	1,318,836	683,436	2,547,616	190,539 dd	-	-	5,037,960
1974	4,776	2,213	2,043	35,846	63,308	14,660	37,672	708	1,178	99	162,503
1930	4,216	1,737	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,005	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
1941	4,446	1,489	847	14,974	43,726	6,815	16,615 d	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	164	38	43	83,707
1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
1944	4,940	1,711	149	12,344	33,660	6,409	18,721 g	211	*	*	78,145
1945	4,588	1,934	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	79	9	*	70,357
1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	-	-	66,438
1953	2,987	1,298	71	8,496	23,974	5,116 o	15,116 o	61	-	-	56,952
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955 #	2,197	1,121	203	4,954	16,399	4,380	10,123 p	20	-	-	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
1960	583	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
1962	339	387	223	1,523	4,558	2,115	5,538 w	13	2	6	14,704
1963	387	366	187	1,239	4,626	1,994	5,497 x	13	-	14	14,323
1964	334	549	188	1,171	4,538	1,948	4,832 y	19	-	5	13,584
1965	288	288	159	992	4,167	1,647	4,363 z	17	3	3	11,839
1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621
1967	224	240	90	475	3,021	866	2,892 bb	15	5	-	7,828
1968	198	188	77	421	3,021	765	2,646	15	6	-	6,682
1969	283	154	80	410	2,077	806	2,617	26	8	-	6,461
1970	299	150	71	370	2,038	731	2,591	36	-	-	6,286

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1971	287	116	60	323	1,799	659	2,534	36	2	-	5,816
1972	150	95	47	284	1,401	493	1,941	20	-	-	4,431
1973	44	24	50	251	1,343	472	1,842	21	6	-	4,053
1974	69	39	44	239	1,149	451	1,807	16	17	-	3,831
1975	63	88	37	111	884	507	2,148	31	8	-	3,877
1976	61	92	38	85	780	501	2,045	33	6	-	3,641
1977	55	75	34	113	682	504	2,098	42 cc	-	-	3,603
1978	93	65	34	57	673	489	2,004	57 dd	-	-	3,472
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	29,205	44,034,141
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,395,236	3,406,363	28,506	13,648	9,714	18,403,374
1938	783,486	372,349	175,948	3,162,859	7,699,347	1,316,707	3,039,160 a	52,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,228,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,285,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577 d	27,035	5,068	2,544	17,676,304
1942	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 g	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	-	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,149,720	3,790,865 n	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
1954	367,751	164,373	15,110	839,153	3,083,312	948,934	2,264,934	5,849	-	-	7,691,416
1955	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,953	-	-	6,709,836
1956	414,199	202,062	45,290	843,114	2,982,331	666,321	2,009,587 q	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	707,183	1,803,776 r	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,905	535,469	1,382,621 t	2,950	-	536	4,157,984
1960	77,790	33,350	37,423	31,703	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798 w	2,159	368	226	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,730	-	2,576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,981 y	1,624	-	310	2,930,607
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710 z	2,693	660	360	2,256,834
1966	43,001	37,488	21,965	107,826	729,437	233,234	652,550 aa	2,221	406	30	1,828,158
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087 bb	3,749	188	-	1,707,856
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	3,762	468	-	1,499,602

Man-Days

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1969	61,244	43,344	15,673	85,247	452,572	153,040	558,604	4,850	132	-	1,374,906
1970	63,872	33,242	14,232	87,360	464,678	150,070	585,841	8,910	-	-	1,408,205
1971	68,115	32,540	13,339	81,681	367,071	134,501	556,815	7,812	68	-	1,261,942
Man-Days	26,077	18,023	8,639	68,925	310,811	104,372	410,065	3,888	-	-	950,800
1972	10,390	3,359	9,023	66,728	319,692	99,791	433,118	3,501	510	-	946,112
1974	15,876	8,082	8,942	30,147	221,528	102,778	443,439	2,928	1,682	-	835,402
1975	13,992	12,385	7,773	19,511	181,512	91,520	492,111	4,707	480	-	823,991
1976	13,586	16,586	7,254	18,094	181,300	103,232	503,195	9,690	1,773	-	854,710
1977	13,776	14,135	7,160	19,561	163,339	108,291	487,333	10,248 cc	-	-	823,843
1978	18,052	8,306	6,672	7,694	165,558	109,361	444,434	14,855 dd	-	-	774,932
1924	278	225	277	276	270	273	271	121	298	295	271
1939	175	147	184	212	213	265	196	66	115	159	210
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	164	205	180	190	194	175 b	100	186	144	185
1940	180	194	204	195	183	180	191 c	132	142	142	187
Average	190	184	221	205	196	217	196 d	188	154	159	199
Days	230	235	39	241	259	236	234 e	210	212	219	246
Worked	267	267	287	273	277	259	258 f	239	234	*	269
1943	293	292	312	300	304	262	274 g	282	*	*	292
1944	265	267	261	270	274	262	250 h	260	174	*	265
1945	262	234	74	275	278	257	251	217	272	*	266
1946	269	270	139	272	283	269	277	183	255	-	277
1947	272	163	199	279	281	265	250 i	202	188	-	268
1948	197	291	115	224	188	234	216 j	123	260	-	207
1949	220	280	195	235	205	280	250 k	140	280	-	220
1950	193	227	180	250	222	240	241 m	192	250	-	233
1951	213	222	224	240	238	210	215 n	206	-	-	211
1952	168	163	140	164	187	178	177 o	146	-	-	179
1953	148	172	210	119	179	232	178	55	-	-	172
1954	172	136	156	171	209	119	175 p	97	-	-	179
1955 #	198	183	216	223	210	210	205 q	306	-	68	209
1956	141	186	206	192	190	207	189	260	-	-	189
1957	175	171	196	166	188	185	185 s	171	200	201	182
1958	144	167	155	181	163	187	175 t	134	-	134	172
1959	102	133	160	181	212	173	166 u	214	85	90	180
1960	227	166	160	202	222	242	192 v	261	121	116	196
1961	235	168	148	197	219	185	203 w	166	184	41	204
1962	264	152	204	209	237	217	200 x	133	-	184	216
1963	204	190	200	214	233	210	208 y	85	-	62	216
1964	187	188	171	188	223	180	186 z	158	220	120	191
1965	186	237	188	118	213	178	190 aa	148	81	10	190
1966	202	268	191	204	224	224	211 bb	250	37	-	218

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1968	265	146	205	240	220	226	225	251	78	-	224
1969	216	283	195	207	218	190	213	186	16	-	224
1970	214	222	200	236	228	205	226	247	-	-	224
1971	238	281	222	253	204	204	220	217	34	-	217
1972	174	190	184	243	222	212	212	195	-	-	215
1973	236	140	180	266	238	211	235	167	85	-	233
1974	230	207	203	126	193	228	240	183	99	-	218
1975	222	141	210	176	205	181	229	152	60	-	213
1976	221	180	191	213	233	207	246	294	295	-	235
1977	250	188	211	173	240	215	232	312	-	-	229
1978	194	128	196	135	246	224	222	288	-	-	223
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	-	-	-	210
1940	6	2	3	35	93	10	33	-	1	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	47
1954	1	2	-	7	27	2	8	-	-	-	60
1955	5	-	-	5	32	6	12	-	-	-	54
1956	4	-	-	7	23	6	14	-	-	-	51
1957	3	4	1	7	20	6	10	-	-	-	31
1958	-	1	-	2	15	4	9	-	-	-	46
1959	1	2	-	6	24	4	9	-	-	-	35
1960	1	1	-	11	14	3	5	-	-	-	19
1961	1	-	-	1	10	3	4	-	-	-	26
1962	-	-	-	-	11	1	14	-	-	-	30
1963	1	1	-	3	12	4	9	-	-	-	-

Fatal-
ities

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1964	-	-	-	1	7	8	8	-	-	-	24
1965	-	2	1	-	2	1	2	-	-	-	8
1966	-	-	-	-	2	2	3	-	-	-	5
1967	-	-	-	-	4	2	3	-	-	-	9
1968	-	-	-	2	2	-	-	-	-	-	4
1969	-	-	-	-	4	1	8	-	-	-	13
1970	-	-	-	-	1	-	3	-	-	-	4
1971	-	-	-	-	-	1	1	-	-	-	2
1972	-	-	-	-	1	-	2	-	-	-	3
1973	-	-	-	-	1	-	-	-	-	-	1
1974	-	-	-	-	-	1	1	-	-	-	2
1975	-	-	-	-	-	1	-	-	-	-	1
1976	-	-	-	-	-	-	1	-	-	-	1
1977	-	-	-	-	2	-	9	-	-	-	11
1978	-	-	-	-	1	-	-	-	-	-	1
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	91,296	40,994	154,902
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	59,711	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141	-	-	-	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	-	-	244,761
1940	362,558	513,813	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	284,697	522,853	187,007	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,366	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
1948	560,379	559,832	-	453,204	332,182	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
1952	237,412	152,130	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,064	1,415,854	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
1955#	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
1958	-	888,009	-	1,047,085	451,602	650,208	811,982	-	-	-	659,886
1959	518,252	346,112	-	357,971	257,197	637,901	1,061,726	-	-	-	427,622
1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	-	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769
1962	-	-	-	-	533,688	1,702,891	469,279	-	-	-	634,474

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1963	727,455	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373
1964	-	-	-	879,898	807,129	807,129	747,312	-	-	-	688,529
1965	-	208,136	196,495	-	2,673,338	1,600,886	2,747,459	-	-	-	1,788,727
1966	-	-	-	-	2,239,108	-	1,541,344	-	-	-	2,406,275
1967	-	-	-	-	1,048,071	708,710	1,419,764	-	-	-	1,283,605
1968	-	-	-	279,229	1,738,032	-	-	-	-	-	2,756,370
1969	-	-	-	-	840,244	1,309,666	516,748	-	-	-	781,985
1970	-	-	-	-	2,719,940	-	1,347,778	-	-	-	2,312,002
1971	-	-	-	-	-	894,462	3,569,335	-	-	-	4,093,980
1972	-	-	-	-	2,022,194	-	1,393,299	-	-	-	2,154,031
1973	-	-	-	-	1,960,574	-	-	-	-	-	6,293,013
1974	-	-	-	-	-	1,044,012	-	-	-	-	3,045,012
1975	-	-	-	-	-	790,973	-	-	-	-	5,628,741
1976	-	-	-	-	-	-	-	-	-	-	5,291,776
1977	-	-	-	-	601,884	-	2,646,600	-	-	-	460,063
1978	-	-	-	-	1,318,836	-	297,425	-	-	-	5,037,960
1924	8,30	22,05	12,36	12,65	11,29	9,48	10,77	-	2,85	-	11,26
1930	14,89	-	13,45	14,05	12,62	9,63	18,97	-	18,96	69,03	14,02
1935	5,50	16,84	35,77	11,62	15,57	9,28	17,08	35,21	-	-	14,19
1936	5,12	-	14,13	11,26	17,02	8,71	9,45	-	-	-	12,58
1937	6,89	15,84	50,92	9,82	11,75	10,75	11,16	19,04	-	102,94	11,52
1938	7,66	10,74	28,42	15,49	13,25	9,87	14,48	-	-	-	13,45
1939	8,52	15,68	16,19	14,26	13,11	8,76	9,35	-	22,91	-	12,19
1940	7,60	6,21	16,96	10,64	11,68	7,53	10,76	-	-	-	10,72
1941	9,45	7,29	15,41	12,08	11,41	4,73	10,73	-	-	-	10,69
1942	3,92	17,18	-	10,11	12,59	10,42	9,06	-	-	-	10,94
1943	6,05	14,24	-	10,08	10,40	11,59	11,59	-	-	-	10,19
1944	8,30	8,00	21,51	9,99	6,83	8,92	6,24	-	-	-	7,50
1945	4,94	11,49	-	8,78	5,88	8,57	6,69	18,56	-	-	6,82
1946	4,99	11,84	-	8,16	8,23	7,63	7,34	25,41	-	-	7,88
1947	3,03	7,98	-	7,39	10,83	7,26	2,66	-	-	-	7,41
1948	3,97	9,38	-	5,57	6,74	2,90	6,63	-	-	-	6,08
1949	3,45	3,06	-	3,06	9,12	1,42	4,15	-	-	-	5,62
1950	4,86	1,96	-	3,15	7,83	4,59	2,18	-	-	-	4,89
1951	5,42	8,12	-	5,37	7,20	4,72	5,07	-	-	-	5,98
1952	11,43	16,60	-	4,90	6,18	8,70	5,80	-	-	-	6,57
1953	5,97	4,73	-	5,01	6,69	3,41	5,60	-	-	-	5,80
1954	2,72	1,22	-	8,34	8,75	2,11	3,53	-	-	-	6,11
1955	13,24	-	-	5,93	10,61	11,54	6,78	-	-	-	8,94
1956	9,66	-	-	7,12	7,71	9,00	6,07	-	-	-	7,39
1957	11,23	18,77	25,39	8,48	8,46	8,94	5,54	-	-	-	8,25
1958	-	5,50	-	3,60	8,28	7,17	5,72	-	-	-	6,37
1959	11,33	14,03	-	9,96	17,51	7,47	6,51	-	-	-	11,06
1960	12,86	12,92	-	20,68	10,99	6,17	4,34	-	-	-	9,62
1961	12,65	-	-	2,28	8,77	7,35	3,47	-	-	-	5,72

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	8.69
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	9.71
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	8.19
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	3.54
1966	-	-	-	-	2.74	-	4.60	-	-	-	2.73
1967	-	-	-	-	5.92	10.13	4.91	-	-	-	5.26
1968	-	-	-	-	3.84	-	-	-	-	-	2.67
1969	-	-	-	19.82	8.84	6.53	14.32	-	-	-	9.46
1970	-	-	-	-	2.15	-	5.12	-	-	-	2.84
1971	-	-	-	-	-	8.03	1.80	-	-	-	1.58
1972	-	-	-	-	3.22	-	4.88	-	-	-	3.16
1973	-	-	-	-	3.13	-	-	-	-	-	1.06
1974	-	-	-	-	-	9.72	2.25	-	-	-	2.39
1975	-	-	-	-	-	10.92	-	-	-	-	1.21
1976	-	-	-	-	-	-	1.98	-	-	-	1.16
1977	-	-	-	-	12.24	-	18.47	-	-	-	13.35
1978	-	-	-	-	6.04	-	-	-	-	-	1.29

EXPLANATION OF SYMBOLS USED IN THIS REPORT

a - Includes	6,184	tons, 13	employees, 124	days and 1,612	man-days for	Lebanon	County
b - "	13,927	" 5	" 198	" "	" 990	" "	" "
c - "	17,330	" 13	" 136	" "	" 1,773	" "	" "
d - "	30,716	" 26	" 187	" "	" 4,856	" "	" "
e - "	35,641	" 39	" 118	" "	" 4,593	" "	" "
f - "	21,981	" 22	" 257	" "	" 5,654	" "	" "
g - "	21,550	" 14	" 210	" "	" 2,940	" "	" "
h - "	37,690	" 41	" 241	" "	" 9,881	" "	" "
i - "	21,982	" 6	" 223	" "	" 1,338	" "	" "
j - "	21,763	" 7	" 226	" "	" 1,582	" "	" "
k - "	22,978	" 5	" 267	" "	" 1,335	" "	" "
m - "	26,657	" 13	" 308	" "	" 2,020	" "	" "
n - "	24,767	" 11	" 286	" "	" 2,156	" "	" "
o - "	6,560	" 10	" 46	" "	" 460	" "	" "
p - "	3,752	" 20	" 120	" "	" 2,480	" "	" "
q - "	6,359	" 22	" 107	" "	" 2,358	" "	" "
r - "	3,550	" 5	" 188	" "	" 940	" "	" "
s - "	9,106	" 6	" 98	" "	" 588	" "	" "
t - "	4,450	" 6	" 153	" "	" 910	" "	" "
u - "	2,770	" 3	" 230	" "	" 690	" "	" "
v - "	13,654	" 5	" 72	" "	" 360	" "	" "
w - "	13,101	" 7	" 118	" "	" 824	" "	" "
x - "	26,192	" 15	" 192	" "	" 2,893	" "	" "
y - "	33,019	" 14	" 124	" "	" 1,737	" "	" "
z - "	43,000	" 10	" 163	" "	" 1,630	" "	" "
aa - "	39,237	" 9	" 70	" "	" 634	" "	" "
bb - "	2,700	" 5	" 18	" "	" 90	" "	" "
cc - "	26,188	" 14	" 107	" "	" 1,500	" "	Bradford County
dd - "	132,263	" 19	" 206	" "	" 3,906	" "	" "

NOTE: The year 1924 was selected as a normal year in order that comparison might be made with the depression years that are a part of this report.

* Not segregated from Lackawanna County.

In 1955 and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

ANTHRACITE REGION
COUNTY--DISTRICT CROSS REFERENCE LIST
1978

<u>County</u>	<u>Mine Inspection District</u>
Bradford	50
Carbon	4, 58
Columbia	2, 56, 59
Dauphin	6
Lackawanna	1, 53
Luzerne	1, 53, 57, 58
Northumberland	2, 3, 4, 59
Schuylkill	1, 2, 4, 5, 6, 57, 58, 60
Sullivan	1, 50

PRODUCTION TABLE

District 1

County	Operators and Mines	Production - Net Tons				Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- Fatal Acci- dents
		Shipped to Market	By Truck	Sold to Local Trade	Used at Mine and Heat						
Jeddo-Highland Coal Co.	Luzerne	38,545	16,480	-	-	-	-	112	4	-	-
	Luzerne	28,345	12,119	-	-	-	-	62	4	-	1
	Luzerne	19,940	8,526	-	-	-	-	195	4	-	-
	Luzerne	-	-	-	-	-	-	235	2	-	-
	Lackawanna	83	60	16	2	-	161(a)	(a)	(a)	-	-
	Luzerne	-	-	-	-	-	-	-	7(b)	-	-
	Luzerne	-	-	-	-	-	-	147	58	-	5
	Luzerne	-	-	-	-	-	-	249	87	1	6
	Luzerne	-	-	-	-	-	-	209	19	-	1
	Luzerne	-	-	-	-	-	-	235	8	-	1
Total		86,913	37,185	16	2	-	124,116	-	193	1	14
Kaminski Brothers, Inc.	Luzerne	-	-	-	-	-	-	304	7	-	-
	Luzerne	-	-	-	-	-	-	240	4	-	-
	Luzerne	-	-	-	-	-	-	96	6	-	1
	Luzerne	-	-	-	-	-	-	-	10	-	1
Total		-	-	-	-	-	-	-	-	-	-
Marvin Enterprises, Inc.	Lackawanna	-	-	-	-	-	-	175	6	-	-
	Schuylkill	-	-	-	-	-	-	154	2	-	-
	Lackawanna	-	-	-	-	-	-	255	2	-	-
	Luzerne	-	-	-	-	-	-	169	5	-	-
	Sullivan	-	-	-	-	-	-	283	8	-	-
	Luzerne	-	-	-	-	-	-	36	3	-	-
	Luzerne	-	-	-	-	-	-	149	1	-	-
	Luzerne	-	-	-	-	-	-	184	1	-	-
	Luzerne	-	-	-	-	-	-	-	2	-	-
	Luzerne	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Popple Brothers	Lackawanna	-	-	-	6	-	1,911	25	2	-	-
	Lackawanna	-	-	-	88	-	29,204	131	2	-	-
	Luzerne	-	-	-	91	-	30,493	148	1	-	-
	Lackawanna	-	-	-	4	-	1,293	30	*	-	-
	Luzerne	-	-	-	-	-	-	313	4	-	-
	Luzerne	-	-	-	-	-	-	-	9	-	-
Total		-	-	-	189	-	62,901	-	-	-	-

District 1

		Production - Net Tons				Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- Acci- dents
		Shipped to Market	Sold to Mine	Used at Local	Total Production						
County	Operators and Mines	By : Railroad	By : Truck	Trade and Heat							
Schuylkill	Premium Fine Coal Co.	61,190	-	-	61,190	-	-	261	6	-	-
Luzerne	Candleton Bank Romanski Trucking Marcy No. 2 Bank Silverbrook Anthracite, Inc.	-	342	-	342	-	-	134	3	-	-
Lackawanna	Central R.R. Bed Bank	-	-	42	5,932	-	-	110	2	-	-
Luzerne	No. 6 Bank	-	-	23	3,229	-	-	64	2	-	-
Luzerne	Alden Cleaning Plant	-	-	-	-	-	-	48	3	-	-
Luzerne	Kassa Breaker	-	-	-	-	-	-	200	5	-	-
	Total	-	-	65	9,161	-	-	12	-	-	-
Luzerne	Tedesco Brothers Coal Co.	-	-	2,290	2,290	-	-	21	2	-	-
Luzerne	Airport Road Bank	-	-	-	-	-	-	14	4	-	-
	Tedesco Breaker	-	-	2,290	2,290	-	-	6	-	-	-
	Total	153,723	397,483	12,102	563,564	-	-	187	436	1	24
	District Total										

NOTE: (a) Production from stock-men and days worked previously reported.

(b) Includes retail men at Sullivan Trail Breaker.

* Men included in other operations, same company

District 2

		Production - Net Tons				Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- Acci- dents
		Shipped to Market	Sold to Mine	Used at Local	Total Production						
County	Operators and Mines	By : Railroad	By : Truck	Trade and Heat							
Northumberland	A & H Coal Co.	-	8,681	965	9,646	-	-	207	6	-	1
Columbia	No. 2 Slope Skidmore Slope	-	775	86	861	-	-	64	4	-	-
	Total	-	9,456	1,051	10,507	-	-	10	-	-	1
Schuylkill	Ashland Community Enterprises	-	-	-	-	-	-	271	27	-	1
Schuylkill	Pioneer Tunnel (a)	-	-	-	-	-	-	20	9	-	-
Schuylkill	B-D Mining Co.	2,479	2,320	-	4,799	-	-	11	-	-	-
Schuylkill	Bancroft No. 52 Bank	1,627	1,522	-	3,149	-	-	96	-	-	-
Schuylkill	Ellengowan No. 132 Bank	21,286	-	-	41,206	-	-	100	-	-	-
Schuylkill	No. 1 Slush Dam Bank	1,226	1,147	-	2,373	-	-	100	-	-	-
Schuylkill	Oakland No. 56 Bank	-	-	-	-	-	-	-	-	-	-

District 2

Operators and Mines	County	Production - Net Tons				Used at to Mine for Steam and Heat	Total Production:	Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- Acci- dents
		Shipped By	To Market By	Sold Local	Trade								
B-D Mining Co. (continued)	Schuylkill	15,139	14,167	-	-	-	29,306	-	-	86	-	-	6
St. Nicholas No. 42 Bank	Schuylkill	13,733	12,852	-	-	-	26,585	-	-	73	-	-	-
St. Nicholas No. 42A Bank	Schuylkill	-	-	-	-	-	-	-	-	286	35	-	24
Gilberton Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Total		55,490	51,928	-	-	-	107,418	-	-	-	44	-	30
B. & Z. Coal Co.	Northumberland	-	1,076	120	-	-	1,196	900	-	147	3	-	-
No. 7 Vein Slope													
Blaschak Brothers	Schuylkill	-	-	-	-	-	-	-	-	221	1	-	-
Skidmore Slope (b)													
Blaschak Coal Co., Inc.	Schuylkill	-	-	-	-	-	-	-	-	221	17	-	4
Blaschak Breaker													
Burnite Coal Co.	Columbia	-	2,913	-	-	-	2,913	1,625	-	198	3	-	-
No. 2 & 3 Slopes													
Carbonite Filter Corp.	Schuylkill	-	-	-	-	-	-	-	-	218	11	-	-
Bagging Plant													
Cress Coal Co.	Schuylkill	685	867	464	-	-	2,016	1,225	-	192	3	-	-
No. 1 Slope													
Gilberton Coal Co.	Northumberland	49,173	31,712	-	-	-	80,885	-	-	225	5	-	-
Locust Summit No. 53 Bank	Schuylkill	15,795	10,186	-	-	-	25,981	-	-	107	6	-	-
Oakland No. 56 Bank	Northumberland	-	-	-	-	-	-	-	-	286	36	-	30
Locust Summit Fine Coal Pl.		64,968	41,898	-	-	-	106,866	-	-	-	47	-	30
Total													
Gilberton Energy Corp.	Northumberland	-	-	-	-	-	-	-	-	252	6	-	4
Bagging Plant													
Great Eastern Coal Corp.	Northumberland	-	-	-	-	-	-	-	-	285	18	-	4
Atlas Fine Coal Plant													
H. & H. Coal Co.	Columbia	-	215	163	-	-	378	200	-	66	3	-	-
Skidmore Slope													
H. & M. Coal Co.	Schuylkill	426	539	288	-	-	1,253	2,150	-	83	3	-	-
Buck Mountain Slope													
Half-Way Coal Co.	Schuylkill	-	1,979	1,493	-	-	3,472	2,500	-	256	3	-	-
Buck West Drift													
Irish Brothers Coal Co.	Northumberland	-	628	-	-	-	628	-	-	30	2	-	-
Locust Gap Bank													
J.A.S. Partnership Coal Co.	Columbia	-	-	334	-	-	334	100	-	54	3	-	-
Four Foot Slope													
Jeddo-Highland Coal Co.	Schuylkill	159	473	73	6	-	711	-	-	8	5	-	-
Hammond Bank	Schuylkill	6,496	19,339	2,986	240	-	29,061	-	-	165	4	-	-
Packer Bank	Schuylkill	-	-	-	-	-	-	-	-	211	41	-	-
Rosa Breaker													
Total		6,655	19,812	3,059	246	-	29,772	-	-	-	50	-	-

District 2

	County	Production - Net Tons						Dynamite (Pounds used)	Ammonium Nitrate (Pounds used)	Other (Name)	Aver- age of Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market			Used at									
		By Railroad	By Truck	Sold to Local Trade	to Mine and Heat	Total Production								
Operators and Mines														
Locust Dale Mining, Inc.	Schuylkill	285	360	193	-	838	-	1,200	-	-	102	3	-	-
Skidmore Drift														
Malho Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	303	4	-	-
Malho Breaker														
Metzinger Coal Co.	Columbia	-	-	6,432	-	6,432	-	11,000	-	-	159	6	-	2
No. 7 Foot Vn Slope	Schuylkill	-	-	-	-	-	-	-	-	-	106	4	-	1
Metzinger Breaker														
Total		-	-	6,432	-	6,432	-	11,000	-	-	10	10	-	3
N.B.C. Coal Co.														
Buck Mountain Slope	Northumberland	-	3,572	397	-	3,969	-	1,250	-	-	240	3	-	-
New Way Coal Co.														
Orchard Slope	Columbia	-	162	18	-	180	-	200	-	-	13	4	-	-
Phoenix Contracting Co.														
Park Place R.R. Bed Bank	Schuylkill	1,989	1,352	375	38	3,754	-	-	-	-	48	3	-	-
Yatesville R.R. Bed Bk.	Schuylkill	4	343	95	10	452	-	-	-	-	10	-	-	-
Total		1,993	1,695	470	48	4,206	-	-	-	-	3	-	-	-
Polcovich Coal Co.														
Seven Foot Slope No. 2 & 3	Columbia	1,199	-	1,353	-	2,552	-	4,100	-	1,225	241	4	-	-
Reading Anthracite Co.														
Ellangowan Culm Bk. No. 45	Schuylkill	42,091	-	-	-	42,091	-	-	-	-	269	19	-	2
St. Nicholas Slush Dam #42Bk.	Schuylkill	5,676	-	-	-	5,676	-	-	-	-	261	2	-	-
Northumberland											243	6	-	-
Locust Summit Bagging Pl.											232	32	-	18
St. Nicholas #4&5 Plant	Schuylkill	-	-	-	-	-	-	-	-	-	59	-	-	20
Total		47,767	-	-	-	47,767	-	-	-	-	83	1	-	-
Savitski Brothers Coal Co.														
No. 1 Shaft (c)	Northumberland	-	-	-	-	-	-	-	-	-	195	7	-	-
Savitski Breaker	Northumberland	-	-	-	-	-	-	-	-	-	8	-	-	-
Total		-	-	-	-	-	-	-	-	-	73	4	-	-
Scott Coal Co.														
No. 7 Vein Slope	Columbia	24	-	139	-	163	-	100	-	-	201	3	-	-
Shally Coal Co.														
No. 4 Vein Slope	Northumberland	-	428	48	-	476	-	200	-	-	22	3	-	-
Sluck Coal Co.														
Buck Mountain Slope	Schuylkill	199	136	38	4	377	-	125	-	-	175	4	-	-
Wolfgang Brothers Coal Co.														
Buck Mountain Slope	Columbia	1,670	1,135	315	32	3,152	-	1,800	-	-	175	4	-	-

District 2

County	Production - Net Tons						Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Aver- age of Days Worked	No. of Empl- oyees	Fatal Acci- dents	Non- fatal Acci- dents	
	Shipped to Market		Used at		Total Production									
	By Railroad	By Truck	Sold to Local Trade	to Mine and Heat										
Operators and Mines														
Zakrewsky Coal Co., Inc.														
No. 1 & 2 Slopes	89	5,921	427	15	6,452	-	7,600	-	8	240	8	-	1	
District Total	181,450	144,720	16,802	345	343,317	-	48,275	1,225	374	224	374	-	98	

NOTE: (a) Used only as a Mine Tour.
(b) Used only for pumping water to Blaschak Breaker.
(c) Used only for pumping water to Savitski Breaker.

District 3

B.G.P.T. Coal Co. No. 9½ Vein Slope (a)	Northumberland	-	2,445	250	-	2,695	-	1,980#	240	5	-	-
Big L. Coal Co. Zero Vn. No. 1 Slope	Northumberland	-	1,617	-	-	1,617	-	425#	97	3	-	-
Big Oak Coal Co. Zero Vein Slope	Northumberland	-	153	-	-	153	-	100#	48	4	-	-
Bonnie Lou Coal Co. No. 2 Vein Slope' (b)	Northumberland	-	18	2	-	20	-	10	80	4	-	-
Bush Coal Co. No. 11 Vn. Rock Slope	Northumberland	-	3,024	-	-	3,024	-	1,550#	235	4	-	-
C & K Coal Co. No. 1 Vein Slope (c)	Northumberland	-	2,034	-	-	2,034	-	790#	162	3	-	-
Collier Coal No. 3 Vein Slope	Northumberland	-	1,514	-	-	1,514	-	700#	228	3	-	-
4-D Coal Co. No. 11 Vn. 182 Slopes	Northumberland	-	3,454	-	-	3,454	-	1,750#	252	4	-	-
D & M Coal Co. No. 9 Vein Slope (d)	Northumberland	-	36	4	-	40	-	25	16	3	-	-
D. R. Z. Coal Co. No. 5 Vn. No. 1 Slope	Northumberland	621	786	420	-	1,827	-	300#	190	3	-	-
No. 5 Vn. No. 2 Slope	Northumberland	764	966	517	-	2,247	-	425#	228	4	-	-
No. 5 Vn. No. 3 Slope	Northumberland	124	157	84	-	365	-	90#	70	2	-	-
Total		1,509	1,909	1,021	-	4,439	-	815	228	9	-	-
F.E.D. Coal Co. No. 1 Vein Slope	Northumberland	-	2,295	-	-	2,295	-	925#	228	3	-	-

District 3

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents	
		Shipped to Market		Used at		Total Production							Ammonium Nitrate (Pounds used)
		By : Railroad	By : Truck	Local : Trade	Mine : and Heat								
Rosini Coal Co.	Northumberland	-	-	-	-	-	-	-	215	14	-	4	
Carbon Run Colliery Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
Skyview Coal Co.	Northumberland	-	2,011	112	-	2,123	-	875#	170	5	-	-	
No. 3 North Dip Slope	Northumberland	-	-	-	-	-	-	950#	234	4	-	-	
Snyder Coal Co.	Northumberland	-	2,747	-	-	2,747	-	-	254	2	-	-	
No. 1 Vein Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
Sunshine Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
Sunshine Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
Swift Coal Sales, Inc.	Northumberland	-	-	-	-	-	-	-	306	8	-	-	
Swift Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
T & L Coal Co.	Northumberland	-	7,226	803	-	8,029	-	3,300#	247	7	-	-	
Zero Vein Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
District Total		12,899	256,282	7,401	-	276,582	400	24,520	198	207	-	14	

5

NOTE: (a) Mine closed November 30, 1978.
 (b) Mine closed June 28, 1978.
 (c) Formerly operated by R. L. & M. Coal Company.
 (d) Mine closed by Stop Order February 21, 1978.
 (e) Closed during December, 1978.
 (f) Closed October 27, 1978.
 # Atlas

District 4

Bernitsky & Stanulis Partnership	Schuylkill	839	2,056	2,426	-	5,321	-	2,650	249	6	-	2
Bottom Split Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Bethlehem Mines Corp.	Schuylkill	-	-	-	-	-	-	-	71	12	-	-
No. 8 Bank (a)	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Greenwood No. 12 Fine	Schuylkill	-	-	-	-	-	-	-	54	41	-	-
Coal Plant (a)	Schuylkill	-	-	-	-	-	-	-	258	100	-	-
Greenwood No. 14 Breaker	Schuylkill	-	-	-	-	-	-	-	153	13	-	-
C.L.S. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Maple Springs Breaker	Schuylkill	-	-	-	-	-	-	-	244	8	-	-
C. T. Coal Co., Inc.	Carbon	-	43,518	-	-	43,518	-	-	248	9	-	-
Nesquehoning Bank	Carbon	-	-	-	-	-	-	-	-	-	-	-
Cass Contracting Co.	Carbon	-	-	-	-	-	-	-	-	-	-	-
Marlin Breaker	Schuylkill	-	-	-	-	-	-	-	237	5	-	-

District 4

[illegible]

District 5

Operators and Mines	County	Production - Net Tons				Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market:	By Truck:	Sold to:	Used at Mine for Steam and Heat								
Birnen Coal Co., Inc. Tremont Breaker	Schuylkill	-	-	-	-	-	-	-	-	108	5	-	-
Buck Mt. Coal Company Buck Mountain Slope	Schuylkill	17	2,625	2,292	46	4,980	-	-	1,550	240	3	-	-
Bush Coal Co. Middle Split Slope	Schuylkill	935	10,177	2,090	69	13,271	-	-	11,000#	240	14	-	-
Skidmore Slope	Schuylkill	7,176	33,609	26,365	407	67,557	-	3,500	32,000#	240	37	-	-
Total		8,000	43,786	28,455	476	80,828	-	3,500	43,000		51	-	-
C.L.P. Coal Co. Platko Slope	Schuylkill	225	180	4,047	45	4,497	-	-	3,000#	241	7	-	-
Colket Coal Co. No. 2 Tracy Slope	Schuylkill	54	1,207	371	17	1,649	-	-	1,300##	170	3	-	-
Devils Hole Coal Co. Indian Head Bank	Schuylkill	-	3,660	-	-	3,660	-	-	-	49	3	-	-
E. & S. Coal Co. Middle Split Slope	Schuylkill	173	219	118	-	510	-	-	600@	110	3	-	-
Frailey Coal Co. No. 2 Tracy Slope	Schuylkill	909	4,505	4,120	137	9,671	-	-	4,500#	249	7	-	-
H. & S. Coal Co. Buck Mountain Slope	Schuylkill	69	1,326	-	4	1,399	-	-	1,000#	101	4	-	-
No. 2 Vein Slope	Schuylkill	529	10,235	-	32	10,796	-	-	7,000#	241	6	-	-
Total		598	11,561	-	36	12,195	-	-	8,000		10	-	-
Hatter Coal Co. No. 1 Slope	Schuylkill	1,041	20,207	592	61	21,901	-	-	18,000#	265	11	-	-
Hegins Mining Co. No. 3 Skidmore Slope	Schuylkill	657	2,504	1,652	16	4,829	-	-	8,500	247	17	-	3
Hillside Breaker	Schuylkill	-	-	-	-	-	-	-	-	273	6	-	-
Total		657	2,504	1,652	16	4,829	-	-	8,500		23	-	3
Keim & Tallman Coal Co. Otto Bank	Schuylkill	-	156,764	-	-	156,764	-	-	-	183	8	-	-
Klinger Coal Co. No. 1 Slope	Schuylkill	344	1,310	864	8	2,526	-	-	1,100#	220	4	-	-
Knorr Coal Co. Buck Mountain Slope	Schuylkill	448	1,749	1,119	11	3,327	-	-	2,000#	222	4	-	-
Kocher Coal Co. Kocher Breaker	Schuylkill	-	-	-	-	-	-	-	-	249	60	-	3
Lucas Mining Co. Primrose Slope	Schuylkill	3,486	16,960	2,113	82	22,641	-	-	14,500#	240	9	-	-

District 5

	County	Production - Net Tons						Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- Acci- dents	
		Shipped to Market		Sold to		Used at Mine and Heat	Total Production							Ammonium Nitrate (Pounds used)
		By Railroad	By Truck	Local Trade	to Mine									
Operators and Mines														
Lucas & Partners Coal Co., Ray	Schuylkill	556	3,272	2,301	85	6,214	-	5,200#	305	7	-	-	-	
Tracy Slope														
M.S.W. Coal Co.	Schuylkill	696	12,919	254	48	13,917	-	8,000#	251	6	-	-	-	
No. 2 Slope														
Manbeck Dredging Co., Inc.	Schuylkill	-	95,728	-	-	95,728	-	-	210	3	-	-	-	
Westwood Bank														
Westwood Washery	Schuylkill	-	95,728	-	-	95,728	-	-	210	10	-	-	-	
Total										13				
Mercury Coal Co.														
No. 4 Mine	Schuylkill	8,001	9,802	2,000	200	20,003	-	12,500#	244	16	-	-	-	
Mountain Top Coal Co.														
Orchard Slope	Schuylkill	561	720	378	-	1,659	-	1,100#	191	4	-	-	-	
Orchard Coal Co.														
Orchard Slope	Schuylkill	328	6,338	-	20	6,686	-	6,000#	238	10	-	-	-	
Pine Creek Coal Co.														
Pine Creek Breaker	Schuylkill	-	-	-	-	-	-	-	258	13	-	2	-	
Sharp Mountain Coal Co.														
Orchard Drift	Schuylkill	8	1,078	782	11	1,879	-	1,000	259	3	-	-	-	
Superior Preparation Co., Inc.														
Superior Breaker	Schuylkill	-	-	-	-	-	-	-	296	5	-	-	-	
Swatara Coal Co.														
Swatara Breaker	Schuylkill	-	-	-	-	-	-	-	245	44	-	-	-	
Tracy Coal Co.														
No. 1 Slope	Schuylkill	102	2,985	2,532	93	5,712	-	4,500#	230	5	-	-	-	
Wallatis Coal Co.														
No. 3 Slope	Schuylkill	944	1,193	638	-	2,775	-	2,000#	190	2	-	-	-	
Wolfgang Brothers Coal Co.														
Diamond Slope	Schuylkill	220	4,782	475	11	5,488	-	3,100#	186	5	-	-	-	
Woratyla Coal Co.														
Middle Split Slope	Schuylkill	745	915	1,466	11	3,137	-	3,000#	241	7	-	-	-	
District Total		31,057	413,946	58,060	1,428	504,491	-	3,500	213	373	-	8	-	

District 6

Operators and Mines	County	Production - Net Tons				Total Production:	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Average of Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market:	Sold to	Used at	By								
		By Railroad	By Truck	Local Trade	Local for Steam and Heat								
Acme Coal Co.	Schuylkill	-	651	1,516	55	2,222	-	-	750#	225	4	-	-
L.V. No. 5 Vn Slope	Schuylkill	-	-	-	-	-	-	-	-	131	6	-	-
Franklin Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Franklin Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Hatter Coal Co.	Schuylkill	14	357	196	7	574	-	-	450#	11	11	-	-
Middle Split Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Herb Coal Co.	Schuylkill	10	1,439	1,043	15	2,507	-	50	1,000#	247	5	-	-
No. 7 Drift	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
K. M. K. Coal Co.	Schuylkill	397	3,673	1,515	60	5,645	-	-	4,500#	243	7	-	-
D. & R. Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
K. R. K. Coal Co.	Schuylkill	15	831	1,031	36	1,913	-	-	975#	166	5	-	-
L.V. No. 1 1/2 Vn. Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
K. & T. Coal Co.	Schuylkill	54	1,065	38	4	1,161	-	-	500#	156	4	-	-
No. 3 Vein Slope	Schuylkill	417	2,881	-	10	3,308	-	-	575#	234	4	-	-
Kintzel Brothers Coal Co.	Schuylkill	63,681	78,008	17,353	159	159,201	-	70,350@	-	213	130	-	94
L.V. No. 6 Vn. Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
-Kocher Coal Co., Inc., Leon	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Porter Tunnel	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
M.W.Z. Coal Co.	Schuylkill	18	1,056	1,471	54	2,599	-	-	1,800#	245	4	-	-
No. 1 Drift	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Meadowbrook Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Meadowbrook Bank	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Meadowbrook Washery	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	20,542	-	-	20,542	-	-	-	238	4	-	-
OKay Coal Co.	Schuylkill	1,033	4,449	2,182	23	7,687	-	-	5,150#	126	4	-	-
Orchard Slope	Schuylkill	6	1,692	3,656	134	5,488	-	-	3,000#	237	6	-	-
P. S. R. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
No. 1 Vein Slope	Schuylkill	-	37	83	3	123	-	-	125#	34	4	-	-
S. & S. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Buck Mt. Slope	Schuylkill	226	4,404	34	15	4,679	-	-	2,775#	240	5	-	-
S. & T. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Skidmore Slope	Schuylkill	128	2,465	246	17	2,856	-	-	1,650#	278	4	-	-
Schneck Coal Co., Thomas	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Schneck Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Shade Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Buck Mt. Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Shomper Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
L.V. No. 6 Vn.#1 Slope	Schuylkill	130	2,637	278	20	3,065	-	-	100#	46	3	-	-
Smeltz Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
No. 7 Vn. Slope	Schuylkill	-	-	-	-	-	-	-	2,000#	184	5	-	-

District 6

	County	Production - Net Tons						Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)	Aver- age of Days Worked	No. of Empl- oyes	Fatal fatal Acci- dents	Non- Fatal fatal Acci- dents
		Shipped to Market			Used at									
		By Railroad	By Truck	Sold to Mine	Local Trade	for Steam and Heat	Total Production							
Operators and Mines														
Underkoffler Coal Co.	Dauphin	-	471	1,098	40	1,609	-	-	900##	234	3	-	-	-
Buck Mt. Slope	Dauphin	-	-	-	-	-	-	-	-	156	14	-	-	-
Underkoffler Coal Sales														
Underkoffler Breaker														
Wenrich Coal Co.	Schuylkill	2	3,213	2,323	69	5,607	-	-	3,500#	256	5	-	-	-
Buck Mt. Slope														
Williamson Coal Co., Inc.	Schuylkill	415	653	1,020	28	2,116	-	-	100	17	18	-	-	-
Skidmore Slope														
Wolfe Coal Co.	Schuylkill	78	2,847	1,730	49	4,704	-	-	3,175##	267	4	-	-	-
No. 2 Vn. Slope														
Zimmerman Coal Co., Marlin	Schuylkill	49	7,015	5,084	73	12,221	-	-	7,500#	203	12	-	-	-
Buck Mt. Slope														
District Total		66,673	140,463	42,074	877	250,087	-	70,400	40,525	190	282	-	94	

Atlas
Dupont
@ Hercules Red C

District 50

East Allen Coal Co.	Sullivan	-	21,968	-	-	21,968		-	-	-	245	15	-	-	-
Strip Permit No. 1557-1															
Jones & Brague Mining Co.	Bradford	-	52,275	21	-	52,296		239,810	1,801	-	269	6	-	-	-
Strip Permit No. 7-36	Bradford	-	73,662	256	-	73,918		462,640	2,440	-	274	8	-	2	-
Strip Permit No. 7-37	Bradford	-	6,065	4	-	6,069		42,500	315	-	20	5	-	-	-
Strip Permit No. 7-38	Bradford	-	131,982	281	-	132,263		744,950	4,556	-	19	19	-	2	-
Total															
Percival, John	Sullivan	-	36,308	-	-	36,308		574,616	3,710	-	334	15	-	-	-
Strip Permit No. 1087-3 & 4															
District Total		-	190,258	281	-	190,539		1,319,566	8,266	-	257	49	-	2	

District 53

County	Production - Net Tons										Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents	
	Shipped to Market					Used at											
	By Railroad	By Truck	Sold to Local Trade	to Mine and Heat	Nitrate (Pounds used)	Total Production	Sold to Local Trade	to Mine and Heat	Ammonium (Pounds used)	Total Production							
Operators and Mines																	
Beltrami Enterprises, Inc. Strip Permit No. 816-14	1,134	847	44	-	-	2,025	168,000	-	-	-	-	-	199	14	-	-	-
F. J & F. Coal Co., Inc. Strip Permit No. 1307-3	-	7,200	-	-	-	7,200	-	-	-	-	-	-	200	4	-	-	-
Giza & Oley Enterprises Strip Permit No. 1284-1	-	6,201	-	-	-	6,201	-	-	-	-	-	-	84	4	-	-	-
Strip Permit No. 1284-6	-	8,074	-	-	-	8,074	-	-	-	-	-	-	92	-	-	-	-
Total	-	14,275	-	-	-	14,275	-	-	-	-	-	-	4	-	-	-	-
Kaminski Brothers, Inc. Strip Permit No. 1261-1	-	-	37,798	30	37,828	300,100	22,050	-	-	-	-	-	304	6	-	-	-
L.D.V.F. Associates Strip Permit No. 1309-1 (a)	-	2,130	-	-	-	2,130	-	-	-	-	-	-	55	3	-	-	-
Lucky Strike Coal Corp. Strip Permit No. 1431-2	15,526	11,589	609	-	27,724	2,232,000	-	-	-	-	-	-	256	35	-	5	-
Northeast Energy Co. Strip Permit No. 1267-2	-	4,952	-	-	-	4,952	28,300	-	-	-	-	-	218	8	-	-	-
Pasternak Brothers Strip Permit No. 21-2	-	2,500	-	-	-	2,500	60,000	450	-	-	-	-	140	3	-	-	-
Strip Permit No. 21-7A	-	5,000	-	-	-	5,000	40,000	250	-	-	-	-	140	-	-	-	-
Total	-	7,500	-	-	-	7,500	100,000	700	-	-	-	-	3	-	-	-	-
Silverbrook Anthracite, Inc. Strip Permit No. 1272-8	-	9,082	-	-	-	9,082	1,500	-	-	-	-	-	157	3	-	-	-
District Total	16,660	57,575	38,451	30	112,716	2,829,900	22,750	-	-	-	-	-	229	80	-	5	-

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

District 56

Columbia Coal Development Co., Inc. Strip Permit No. 1814-1	-	2,897	-	-	2,897	-	-	2,950	950	-	-	-	98	4	-	-
Jet Coal Co. Strip Permit No. 3-13	-	8,975	-	-	8,975	-	-	-	-	-	-	-	239	2	-	-
N & L Coal Co. Strip Permit No. 1303-6	-	18,218	-	-	18,218	-	-	-	-	-	-	-	52	6	-	-
District Total	-	30,090	-	-	30,090	-	-	2,950	950	-	-	-	99	12	-	-

District 57

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age of Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Total Production:						
		By Railroad	By Truck	Sold to Local Trade	Mine and Heat							
BB&S Coal Co. B & C Coal	Schuylkill	-	160	-	-	160	-	-	20	2	-	-
	Schuylkill	-	6,195	-	-	6,195	-	-	84	3	-	-
	Schuylkill	-	18,645	-	-	18,645	-	-	198	-	-	-
	Total	-	24,840	-	-	24,840	-	-	-	3	-	-
Beltrami Enterprises, Inc.	Luzerne	8,172	6,099	321	-	14,592	323,470	-	312	13	-	4
	Schuylkill	34,287	25,593	1,346	-	61,226	1,386,300	-	327	14	-	2
	Total	42,459	31,692	1,667	-	75,818	1,709,770	-	-	27	-	6
Gale Coal Co., Inc.	Schuylkill	-	2,785	-	-	2,785	527,168	65,716	298	29	-	-
	Schuylkill	-	1,004	-	-	1,004	-	-	-	-	-	-
	Schuylkill	-	21,256	-	-	21,256	-	-	-	-	-	-
	Schuylkill	-	33,569	-	-	33,569	-	-	-	-	-	2
	Schuylkill	-	39,670	-	-	39,670	-	-	-	-	-	-
	Total	-	11,954	-	-	11,954	-	-	-	-	-	-
Gowen Coal Co.	Luzerne	13,167	23,031	-	-	36,198	248,100	12,850	148	18	-	-
	Schuylkill	-	16,457	-	-	16,457	-	-	78	3	-	-
	Total	62	186	29	2	279	-	-	19	2	-	-
L.C. Enterprises Lehigh Valley Anthracite and Office	Schuylkill	1,903	1,332	571	-	3,806	3,600	-	90	2	-	-
	Schuylkill	-	-	-	-	-	-	-	301	12	-	-
	Schuylkill	4,796	14,278	2,205	177	21,456	289,100	-	323	22	-	2
	Total	6,838	20,356	3,143	252	30,589	924,590	-	334	35	-	2
N & L Coal Co.	Schuylkill	11,634	34,634	5,348	429	52,045	1,213,690	-	-	69	-	4
	Schuylkill	-	32,980	-	-	32,980	-	-	238	7	-	-
	Total	-	12,818	-	-	12,818	2,500	-	241	4	-	-
Pacine Coal Co., Michael Pacine & Boran Coal Co.	Schuylkill	-	6,599	-	-	6,599	3,600	-	217	3	-	-
	Schuylkill	-	-	-	-	-	-	-	-	-	-	-

District 57

Operators and Mines	County	Production - Net Tons						Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Total Production:	Ammonium Nitrate (Pounds used)						
		By Truck:	By Railroad	Sold to Mine Trade and Heat	Local Production:								
Peck Coal Co.		-	-	-	-	-	-	-	-	137	2	-	-
Strip Permit No. 1090-3(a)	Schuylkill	-	-	-	-	-	-	-	-	244	3	-	-
Strip Permit No. 1090-4(a)	Schuylkill	-	-	-	-	-	-	-	-	-	5	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-
Reading Anthracite Co.													
Strip Permit No. 23-8	Schuylkill	3,954	399	1,602	-	5,955	352,685	2,321	-	179	8	-	1
Strip Permit No. 23-9	Schuylkill	3,926	396	1,590	-	5,912	177,752	1,170	-	304	13	-	-
Strip Permit No. 23-27	Schuylkill	16,370	1,652	6,632	-	24,654	799,142	5,259	-	315	20	-	2
Total		24,250	2,447	9,824	-	36,521	1,329,579	8,750	-	41	-	-	3
Rodino, Vito													
Strip Permit No. 1846-1	Schuylkill	-	637	-	-	637	-	-	-	60	1	-	-
Skytop Contracting Co., Inc.													
Strip Permit No. 1580-3	Schuylkill	-	-	6,247	-	6,247	-	-	-	49	7	-	-
Tancredi, Joseph													
Strip Permit No. 1738-1(a)	Schuylkill	-	4,907	-	-	4,907	-	-	-	35	3	-	-
Wright Contracting Co.													
Strip Permit No. 1864-1	Schuylkill	-	60	-	-	60	-	-	-	10	2	-	-
District Total		93,475	317,628	23,686	431	435,220	5,038,007	87,316	40,370	264	228	-	15

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.
Tonnages are raw coal at 50% recovery.
* Slurry
** Pellets

District 58

Beltrami Enterprises, Inc.												
Strip Permit No. 816-1A	Luzerne	8,910	6,650	350	-	15,910	369,680	-	220	13	-	4
Strip Permit No. 816-9	Luzerne	64,460	48,115	2,532	-	115,107	2,541,550	-	319	26	-	4
Total		73,370	54,765	2,882	-	131,017	2,911,230	-	39	-	-	8
Bethlehem Mines Corp.,												
Panther Valley Division												
Strip Permit No. 33-27	Carbon	20,885	12,114	1,239	-	34,238	168,185	24,237	204	12	-	-
Strip Permit No. 33-35	Carbon	-	-	-	-	-	39,573	5,703	199	4	-	-
Strip Permit No. 773-9	Schuylkilil	211,274	122,549	13,022	498	347,343	1,159,489	167,096	266	175	-	5
Strip Permit No. 773-11	Carbon/Sch.	-	-	-	-	-	611,403	88,110	152	50	-	-
Total		232,159	134,663	14,261	498	381,581	1,978,650	285,146	241	-	-	5

District 58

	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Fatal fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Total Production:						
		By Railroad	By Truck	Sold to Local Trade	Mine for Steam and Heat							
Operators and Mines												
Brook Contracting Corp.												
Strip Permit No. 86-9	Luzerne	-	83,278	-	-	83,278	420,650	11,150	-	346	20	-
Jeddo-Highland Coal Co.												
Strip Permit No. 22-8	Luzerne	85,023	70,138	9,676	898	165,735	-	-	-	-	-	-
Strip Permit No. 22-8 J-43	Luzerne	127,595	101,450	17,874	1,706	248,625	-	4,680,000	-	345	85	-
Strip Permit No. 22-8 J-44	Luzerne	34,266	24,942	6,827	675	66,710	-	4,992,000	-	347	77	4
Strip Permit No. 22-10	Luzerne	7,225	5,960	823	76	14,084	-	208,000	-	317	5	-
Strip Permit No. 22-12	Luzerne	-	-	-	-	-	-	-	-	158	5	-
Total		254,109	202,490	35,200	3,355	495,154	-	9,880,000	-	172	-	11
Lehigh Valley Anthracite Co.												
Strip Permit No. 16-7	Luzerne	16,561	12,055	3,300	326	32,242	-	520,000	-	341	11	-
Strip Permit No. 16-8(a)	Luzerne	-	-	-	-	-	-	-	-	260	2	-
Total		16,561	12,055	3,300	326	32,242	-	520,000	-	13	-	-
N & L Coal Co.												
Strip Permit No. 1303-4	Schuylkill	-	26,881	-	-	26,881	4,750	1,280	-	247	8	-
Tri-County Land & Coal Co.												
Strip Permit No. 1624-1	Carbon	13,238	37,168	509	-	50,915	429,700	56,200	-	344	10	-
District Total		589,437	551,300	56,152	4,179	1,201,068	5,744,980	10,753,776	-	285	503	24

NOTE: (a) Backfilling only.

District 59

Churchill Coal Corp.												
Strip Permit No. 1821-1	Northumberland	-	6,858	-	-	6,858	-	-	-	240	5	-
Strip Permit No. 1821-3	Northumberland	-	3,500	-	-	3,500	-	-	-	40	-	-
Total		-	10,358	-	-	10,358	-	-	-	5	-	-
Conyngnam Contracting Co., Inc.												
Strip Permit No. 91-23	Northumberland	-	4,200	-	-	4,200	5,000	500	-	170	9	-
G & B Coal Co.												
Strip Permit No. 1782-1	Northumberland	-	1,353	-	-	1,353	1,300	725	-	203	3	-
K.B.&S. Construction Co.												
Strip Permit No. 1617-1	Northumberland	-	1,615	-	-	1,615	100,000	6,000	-	220	3	-
Strip Permit No. 1617-2	Northumberland	-	2,134	-	-	2,134	-	-	-	-	-	-
Total		-	3,749	-	-	3,749	100,000	6,000	-	3	-	-

District 59

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Ammonium Nitrate (Pounds used)	Other (Name)	Aver- age Days Worked	No. of Empl- oyes	Non- Fatal Acci- dents
		Shipped to Market :										
		By Railroad	Truck:	Local Trade	Used at to Mine for Steam and Heat	Total Production:						
Kerris & Helfrick, Inc.												
Strip Permit No. 7-1	Columbia	1,317	2,113	375	63	3,868	-	131,000	-	103	10	-
Strip Permit No. 7-34	Northumberland	10,287	10,016	6,555	212	27,070	-	167,200	-	240	24	3
Strip Permit No. 7-37	Columbia	20,081	19,553	12,601	611	52,846	-	451,000	-	237	28	1
Strip Permit No. 7-41	Northumberland	16,164	15,739	9,785	850	42,538	-	426,500	-	244	30	4
Strip Permit No. 7-42	Northumberland	980	955	604	41	2,380	-	5,000	-	18	*	-
Shop	Northumberland	-	-	-	-	-	-	-	-	243	26	-
Total		48,829	48,376	29,920	1,777	128,902	-	1,180,700	-	118	-	8
Reading Anthracite Co.												
Strip Permit No. 23-19	Northumberland	16,336	7,327	4,847	-	28,510	-	307,152	-	232	15	-
Rosini Coal Co.												
Strip Permit No. 47-52	Northumberland	-	-	-	-	2,522	-	-	-	26	-	-
Strip Permit No. 47-54	Northumberland	-	-	-	-	10,107	-	-	-	98	-	-
Strip Permit No. 47-57A	Northumberland	13,854	41,947	-	41,225	4,088	1,880	28,940	-	23	21	-
Strip Permit No. 47-59	Northumberland	-	-	-	-	78,411	-	-	-	248	-	2
Strip Permit No. 47-60	Northumberland	-	-	-	-	976	-	-	-	26	-	-
Strip Permit No. 47-61	Northumberland	-	-	-	-	922	-	-	-	22	-	-
Total		13,854	41,947	-	41,225	97,026	1,880	28,940	-	21	-	2
Sosnoski Coal Co., Michael G.												
Strip Permit No. 1751-1	Northumberland	-	640	-	-	640	-	-	-	100	2	-
Split Vein Coal Co., Inc.												
Strip Permit No. 113-19	Northumberland	-	2,784	-	-	2,784	-	2,000	-	49	*	-
Strip Permit No. 113-20	Northumberland	-	7,072	-	-	7,072	-	3,800	-	205	8	-
Strip Permit No. 113-30	Northumberland	-	22,553	-	-	22,553	-	14,000	-	306	8	-
Strip Permit No. 113-32	Northumberland	-	1,803	-	-	1,803	-	1,400	-	76	*	-
Strip Permit No. 113-34	Northumberland	-	2,420	-	-	2,420	-	1,500	-	101	4	-
Strip Permit No. 113-35	Northumberland	-	389	-	-	389	-	200	-	25	*	-
Total		-	37,021	-	-	37,021	-	22,900	-	20	-	-
District Total		79,019	154,971	34,767	43,002##	311,759	32,005	1,623,092	-	231	196	10

* Men included with those at other operations, same company.
Coal stocked.
41,225 tons stocked.

District 60

Operators and Mines	County	Production - Net Tons					Dynamite (Pounds used)	Other (Name)	Average Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- Fatal Acci- dents
		Shipped to Market By :	Sold to :	Used at Mine and Heat	Total Production :	Ammonium Nitrate (Pounds used)						
Bell Coal Co.	Schuylkill	-	15,317	-	15,317	-	-	-	296	2	-	-
Strip Permit No. 121-3												
Birnen Coal Co., Inc.	Schuylkill	-	1,471	-	1,613	-	-	-	41	10	-	-
Strip Permit No. 1772-1												
C-L-S Coal Co.	Schuylkill	26,072	77,174	-	1,043	104,289	202,600	59,560	248	21	-	1
Strip Permit No. 1234-1												
D & F Coal Co.	Schuylkill	-	-	-	21,081	10,250	-	-	239	3	-	-
Strip Permit No. 138-9												
Drew Development Co.	Schuylkill	-	2,745	-	-	-	-	-	152	3	-	-
Strip Permit No. 1229-2												
G.M.P. Land Co.	Schuylkill	-	90,202	-	-	720,000	6,480	5,000#	300	34	-	1
Strip Permit No. 1613-1												
K & K Coal Co.	Schuylkill	-	20,120	-	-	12,000	-	-	200	5	-	1
Strip Permit No. 136-4(C)												
Kocher Coal Co.	Schuylkill	-	82,935	-	-	182,993	-	-	173	23	-	5
Strip Permit No. 90-7												
Strip Permit No. 90-11	Schuylkill	-	2,325	-	-	190,621	-	-	145	14	-	1
Total		-	85,260	-	-	373,614	-	-	37	37	-	6
Komitky Coal Co., Inc.	Schuylkill	-	1,035	-	-	-	-	-	100	2	-	-
Strip Permit No. 1833-1												
Kuperavage, Joseph	Schuylkill	-	16,713	-	-	-	-	-	240	2	-	-
Strip Permit No. 1245-1(A)												
Parashantel Energy, Inc.	Schuylkill	-	650	-	-	-	-	-	144	3	-	-
Strip Permit No. 189-1												
Reading Anthracite Co.	Schuylkill	-	-	-	-	-	-	-	241	1	-	-
Strip Permit No. 23-3												
Strip Permit No. 23-4	Schuylkill	151,423	15,279	61,345	-	228,047	2,949,185	387,650	239	93	-	20
Strip Permit No. 23-5	Schuylkill	20,085	2,027	8,137	-	30,249	651,697	85,661	223	48	-	2
Strip Permit No. 23-14	Schuylkill	-	-	-	-	-	-	-	241	1	-	-
Strip Permit No. 23-15	Schuylkill	14,866	1,500	6,022	-	22,388	439,952	57,829	301	19	-	5
Strip Permit No. 23-16	Schuylkill	-	-	-	-	-	-	-	241	1	-	-
Strip Permit No. 23-20	Schuylkill	15,557	1,570	6,303	-	23,430	88,896	11,685	191	11	-	1
Total		201,931	20,376	81,807	-	304,114	4,129,730	542,825	174	174	-	28
Ryon Realty Co., Inc.	Schuylkill	1,018	3,030	468	37	4,553	-	11,950	269	3	-	-
Strip Permit No. 1248-3												
Schuylkill Contracting Co.	Schuylkill	4,772	4,651	-	-	9,423	-	-	49	6	-	1
Strip Permit No. 36-14												
Socko, William	Schuylkill	-	700	-	-	700	-	750	126	1	-	-
Strip Permit No. 1278-1												

District 60

Operators and Mines	County	Production - Net Tons										Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	By Truck	Sold to Local Trade	Used at Mine for Steam and Heat	Total Production	Ammonium Nitrate (Pounds used)	Dynamite (Pounds used)	Other (Name)						
Swatara Coal Co. Strip Permit No. 70-4	Schuylkill	-	1,900	-	67	1,967	-	-	-	-	124	28	-	-	-
Strip Permit No. 70-8	Schuylkill	-	-	-	-	-	-	-	-	-	109	*	-	-	-
Total		-	1,900	-	-	1,967	-	-	-	-	28	-	-	-	-
W & W Construction Co. Strip Permit No. 132-2	Schuylkill	-	553	-	-	553	22,400	-	-	-	150	3	-	-	-
District Total		233,793	341,897	104,541	104	680,335	5,470,594	621,565	5,000		215	337	-	38	

* Men included with those at other operation, same company.
Prestex

ANTHRACITE

BREAKERS, WASHERIES AND PREPARATION PLANTS

BREAKERS, WASHERIES AND PREPARATION PLANTS

1978

ANTHRACITE REGION

Dis- trict	Name of Operation	Operator	Location	Zip Code
1	Ace Breaker	Ace Anthracite, Inc.	Taylor	18517
1	Alden Cleaning Plant	Silverbrook Anthracite, Inc.	Dupont	18641
1	Anthrapower Breaker	Marvin Enterprises, Inc.	Scranton	18503
1	Ashley Colliery Breaker	Lucky Strike Coal Corp.	Hazleton	18201
2	Atlas Fine Coal Plant	Great Eastern Coal Corp.	Atlas	17811
2	B-D Fine Coal Plant	B-D Mining Co., Inc.	Gilberton	17934
4	Beechwood Cleaner Plant	Reading Anthracite Co.	Pottsville	17901
2	Blaschak Breaker	Blaschak Coal Co.	Mahanoy City	17948
3	Carbon Run Colliery	Rosini Coal Co.	Shamokin	17872
2	Carbonite Bagging Plant	Carbonite Filter Corp.	Delano	18220
4	DiRenzo Breaker	DiRenzo Coal Co.	Pottsville	17901
5	Donaldson Breaker	A. & T. Coal Co.	Donaldson	17981
1	Duryea Breaker	Popple Bros. Coal Co.	Pittston	18640
1	Eckley Breaker	Beltrami Enterprises, Inc.	Hazleton	18201
1	Eckley Cleaning Plant	Beltrami Enterprises, Inc.	Hazleton	18201
6	Franklin Breaker	Franklin Coal Co.	Ravine	17966
3	Glen Burn Breaker	Kerris & Helfrick, Inc.	Shamokin	17872
4	Glen Worth Breaker	Glen Worth Coal Co.	Cressona	17929
1	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
1	Gowen Cleaning Plant	Gowen Coal Co.	Fern Glen	18241
4	Greenwood Breaker No. 14	Bethlehem Mines Corp.	Tamaqua	18252
4	Greenwood Fine Coal No. 12	Bethlehem Mines Corp.	Tamaqua	18252
1	Harry E Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
1	Hazleton Shaft Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
1	Hillside Breaker	Kaminski Brothers, Inc.	Avoca	18641
5	Hillside Breaker	Hegins Mining Co.	Zerbe	17981
1	Honeybrook Breaker	Beltrami Enterprises, Inc.	Hazleton	18201
1	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
1	Kassa Breaker	Silverbrook Anthracite, Inc.	Dupont	18641
5	Kocher Breaker	Leon E. Kocher Coal Co.	Valley View	17983
1	Laurel Breaker	Northeast Energy Co.	Kingston	18704
3	Lenig Crusher Plant	Lenig Coal	Shamokin	17872
1	Lion Breaker	Jeddo-Highland Coal Co.	West Pittston	18643
2	Locust Summit Bagging Plant	Reading Anthracite Co.	Pottsville	17901
2	Locust Summit Fine Coal Plant	Gilberton Coal Co.	Gilberton	17934
1	Loree Breaker	Heavy Media, Inc.	Larksville	18051
4	Lucanna Washery	Ginther Coal Co.	Hazleton	18201
2	Malho Breaker	Malho Coal Co.	Lavelle	17943
4	Maple Spring Breaker	C-L-S Coal Co.	Branchdale	17923
4	Marlin Breaker	Cass Contracting Co.	Pottsville	17901
1	Marvine Bagging Plant	Beltrami Enterprises, Inc.	Hazleton	18201
1	Mazaika Breaker	Mazaika Brothers Coal Co.	Tamaqua	18252
6	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens	17048
2	Metzinger Breaker	Metzinger Coal Co.	Ashland	17921
1	Mildred Breaker	P & M Mining Co.	Mildred	18632
1	Moosic Breaker	Moosic Coal Co.	Pittston	18640
4	Mountain Side Breaker	Mountain Side Coal Co.	Tamaqua	18252
4	New St. Nicholas Breaker	Reading Anthracite Co.	Pottsville	17901
4	New St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Pottsville	17901
4	No. 6 Washery	Manbeck Dredging Co.	Schuylkill Haven	17972
4	Olenick Breaker	Olenick Brothers Coal Co.	Pottsville	17901
5	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17978
4	Pine Forest Cleaner Plant	Reading Anthracite Co.	Pottsville	17901
1	Pompey Breaker	C.J.C. Coal Co.	Jessup	18434
4	Premium Fine Coal Plant	Premium Fine Coal Co.	Tamaqua	18252
1	Prospect Cleaning Plant	Jeddo-Highland Coal Co.	West Pittston	18643
3	R & N Breaker	R & N Coal Co., Inc.	Ranshaw	17866
3	Ranshaw Breaker	Irish Bros. Coal Co., Inc.	Ranshaw	17866
3	Ranshaw Washer	Irish Bros. Coal Co., Inc.	Ranshaw	17866
3	Reitz Breaker	H. J. & H. Coal Co., Inc.	Milton	17847
2	Rosa Breaker	Jeddo-Highland Coal Co.	Pittston	18640
2	Savitski Breaker	Savitski Brothers Coal Co.	Atlas	17851
2	St. Nicholas #4 & #5 Plant	Reading Anthracite Co.	Pottsville	17901
6	Schneck Breaker	Thos. W. Schneck Coal Co.	Suedberg	17963

Dis- trict	Name of Operation	Operator	Location	Zip Code
4	Silver Creek Breaker	Shamrock Coal Co., Inc.	New Phila.	17959
4	Skytop Breaker	Skytop Coal Co.	Mahanoy City	17948
4	South Tamaqua Breaker	So. Tamaqua Coal Pockets, Inc.	Tamaqua	18252
3	Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
5	Superior Breaker	Superior Preparation Co., Inc.	Hegins	17938
5	Swatara Breaker	Swatara Coal Co.	Zerbe	17981
3	Swift Breaker	Swift Coal Co., Inc.	Paxinos	17860
1	Tedesco Breaker	Tedesco Brothers Coal Co.	Pardeesville	18243
5	Tremont Breaker	Birnen Coal Co.	Tremont	17981
3	Trevorton Breaker	Reading Anthracite Co.	Pottsville	17901
6	Underkoffler Breaker	Underkoffler Coal Sales	Lykens	17048
1	Waddell Washery	American Silt Processing Co.	Archbald	18403
1	Wanamie No. 19 Cleaning Plant	Lucky Strike Coal Corp.	Hazleton	18201
5	Westwood Washery	Manbeck Dredging Co.	Joliett	17981

ANTHRACITE OPERATORS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

ANTHRACITE OPERATORS--1978

DM - Denotes companies having deep mines.
S - Denotes companies having strip mines.
bk - Denotes companies having bank operations.
CP - Denotes cleaning plants.
FCP - Denotes fine coal plants.
W - Denotes washeries.
B - Denotes breaker preparation plants.
T - Denotes tourist mine.

District	Company	General Supt.	Address	Zip Code
2	A & H Coal Co. DM	Roy Harner	Spring Glen	17326
5	A. & T. Associates, Inc. B bk	D. H. Adams, Sr.	R.D. 1, Box 480	Orwigsburg 17961
1	Ace Anthracite, Inc. B bk	John Pasternak	419 Center St.	Taylor 18517
6	Acme Coal Co. DM	Joseph Reho		Williamstown 17098
1	American Silt Processing Co.W	Joseph Warnitski	Railroad St.	Archbald 18403
2	Ashland Com. Enterprises T	G. C. Stadenmeier	19th & Oak Sts.	Ashland 17921
57	B & S Coal Co. S	Allen Wertman	Washington St.	Middleport 17953
57	B & C Coal S	Mike Burns	430 W. Main St.	Girardville 17935
2	B-D Mining Co. FCP bk	Geary C. Hower		Gilberton 17934
3	B.G.P.T. Coal Co. DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
1	B. & Z. Coal Co. DM	Albert Zigarski	1433 Poplar St.	Kulpmont 17834
1	Beaver Brook Coal Co. FCP	Norman James		Beaver Brook 18251
5	Behm Coal Co., John DM	John Behm		Tremont 17981
60	Bell Coal Co. S	A. Kovalchick	411 Schuylkill	Tamaqua 18252
1,53,57,58	Beltrami Enterprises, Inc. B CP bk S	Franklin Pascucci	P. O. Box 458	Hazleton 18201
4	Bernitski & Stanulis Part. DM	Jos. Bernitsky	17 Water St.	New Phila. 17959
4,58	Bethlehem Mines Corp. B FCP bk S	A. F. MacDonald	P. O. Box 269	Tamaqua 18252
3	Big L Coal Co. DM	John Lenig	R.D. 1, Box 227B	Shamokin 17872
3	Big Oak Coal Co. DM	Dennis Snyder	R.D. 2, Box 46A	Hegins 17938
5,60	Birnen Coal Co., Inc. B S	D. H. Adams, Jr.	P. O. Box 52	Tremont 17981
2	Blaschak Brothers DM	John Blaschak	St. Nicholas	Mahanoy City 17948
2	Blaschak Coal Co., Inc. B	Walter Blaschak	St. Nicholas	Mahanoy City 17948
3	Bonnie Lou Coal Co. DM	Joseph Wilk	1727 Park Ave.	Shamokin 17872
58	Brook Contracting Corp. S	Geo. Racho	P. O. Box 98	Hazleton 18201
5	Buck Mt. Coal Co. DM	Louis Graver	R. D. 2	Pine Grove 17963
2	Burnite Coal Co. DM	Wm. Reiff	803 Walnut St.	Ashland 17921
3	Bush Coal Co. DM	Robt. Lytle	R.D. 2, Box 379	Shamokin 17872
5	Bush Coal Co. DM	Earl Bush	R. D. 1	Tower City 17980
1	C.B.M. Coal Co. bk	Eugene Bartoli	559 Northampton	Wilkes-Barre 18700
1	C.J.C. Coal Co. bk B	L. Coccodrilli	P. O. Box 84	Jessup 18434
3	C. & K. Coal Co. DM	Kermit Mace	Box 172, Water	Pillow 17080
5	C.L.P. Coal Co. DM	Paul Platko	R. D. 1	Pottsville 17901
4	C.L.S. Coal Co. B	M. A. Raczkowski	P. O. Box 396	Branchdale 17923
60	C-L-S Coal Co. S	Frederick Roehrig	P. O. Box 98	Hazleton 18201
4	C.T. Coal Co., Inc. bk	Clifford McGeehan	R. D. 1	Nesquehoning 18240
2	Carbonite Filter Corp. CP	G. Robt. McMin	P. O. Box 1	Delano 18220
1	Carrier Coal Co., Inc. bk	Francis McAndrew	P. O. Box 1003	Wilkes-Barre 18703
4	Cass Contracting Co. B	J. V. Ryan	R.D. 2, Box 2312	Pottsville 17901
59	Churchill Coal Corp. S	Peter Pastusic	P. O. Box 5	Ranshaw 17866
1	Coal Brook Iron & Metal Co., Inc. bk	John Bauman	327 Main St.	Childs 18407
5	Colket Coal Co. DM	John Messaros	School Row 117	Branchdale 17923
3	Collier Coal DM	Clair Collier	1349 W. Pine St.	Shamokin 17872
56	Columbia Coal & Development Co., Inc. S	Warren C. Troup	Box 1473	Centralia 17927
59	Conyngham Contr. Co., Inc. S	Bill Brennan	P. O. Box 412	Mt. Carmel 17851
4	Coxe Coal Co. DM	John Nolan	R. D. 1	Sch. Haven 17972
2	Cress Coal Co. DM	Charles Cress	100 E. Main St.	Big Mine Run 17921
60	D & F Coal Co. S	F. G. Roehrig	P. O. Box 298	Minersville 17954
3	D & M Coal Co. DM	Daniel A. Moroz	R.D. 2, Box 379A	Shamokin 17872
3	D.R.Z. Coal Co. DM	Steve Shalamanda	R. D. 1	Ashland 17921
5	Devils Hole Coal Co. bk	Gene B. Gangloff	R. D. 1	New Ringgold 17960
4	DiRenzo Coal Co. B	Dominick DiRenzo	R. D. 4	Pottsville 17901
60	Drew Development Co. S	A. J. Drebitko	Drawer F	Minersville 17954
5	E. & S. Coal Co. DM	Ed. Pogirski	R.D. 2, Box 370A	Pottsville 17901

District	Operator	General Supt.	Address	Zip Code
4	Eagle Hill Coal Co. bk	Daniel Koury	Rr. 218E Liberty	Sch. Haven 17972
50	East Allen Coal Co. S	Abraham deKnecht	183 W. Main St.	Canton 17724
3	F.E.D. Coal Co. DM	Edward Shinbara	R. D. 3	Sunbury 17801
1	F.J.F. Coal Co. bk	John Giarratano	P. O. Box 764	Pittston 18640
53	F. J. & F. Coal Co., Inc. S	Frank Cotzi	341 Wyoming Ave.	West Pittston 18643
4	F. & W. Coal Co. DM	Frank Natale	256 E. Main St.	Pine Grove 17963
3	4-D Coal Co. DM	Randall Derck	1313 W. Spruce	Shamokin 17872
5	Frailey Coal Co. DM	Vyron Warren	R. D. 3	Pine Grove 17963
6	Franklin Coal Co. B	F. I. Miller, Jr.		Ravine 17966
58	G & B Coal Co. S	Henry J. Bernas	132 E. 2nd St.	Mt. Carmel 17851
1	G. L. & O. Enterprises, Inc. bk	Raymond Giza	339 Highway 315	Pittston 18640
60	G. M. P. Land Co. S	J. S. Butcavage	1954 W. Market	Pottsville 17901
57	Gale Coal Co., Inc. S	Kermit K. Mantz	P. O. Box 73	Port Carbon 17965
2	Gilberton Coal Co. bk FCP	Geary C. Hower		Locust Gap 17840
2	Gilberton Energy Corp. CP	Geary C. Hower		Gilberton 17934
4	Ginther Coal Co. bk W	D. F. Bressler	P. O. Box 219	Hazleton 18201
53	Giza & Oley Enterprises S	Raymond Giza	339 Highway 315	Pittston 18640
4	Glenn Worth Coal Co. B	Edward W. Hoke		Cressona 17929
1,57	Gowen Coal Co. B CP S	G. J. Boyder, Jr.		Fern Glen 18241
2	Great Eastern Coal Corp. FCP	Norman Oley	P. O. Box 411	Mt. Carmel 17851
2	H. & H. Coal Co. DM	Raymond Horan	R.D. 2, Box 503A	Pottsville 17901
3	H. J. & H. Coal Co., Inc. B	Harry D. Reitz	R. D. 1	Milton 17847
2	H. & M. Coal Co. DM	Harry David	R. D. 1	Sch. Haven 17972
5	H. & S. Coal Co. DM	John Harman	R. D. 1	Hegins 17938
2	Half-Way Coal Co. DM	Daniel Fedako	1915 Race St.	Ashland 17921
5,6	Hatter Coal Co. DM	Jacques Hatter		Hegins 17938
1	Heavy Media, Inc. bk B	R. E. Temple	160 Nesbitt St.	Larksville 18651
3	Heckla Machinery & Equipment Coal Co. bk	Gene Gangloff	R. D. 1	New Ringgold 17960
4,5	Hegins Mining Co. DM B	Forrest Otto	R. D. 1	Hegins 17938
6	Herb Coal Co. DM	Dale Herb	Box 83	Tremont 17981
2,3	Irish Bros. Coal Co., Inc. B W bk	Peter Pastusic	P. O. Box 5	Ranshaw 17866
2	J.A.S. Partnership Coal Co. DM	Andrew Studlack	R.D. 1, Box 1506	Pottsville 17901
57	J & W Coal Co. S	Edwin Joy	18 N. Valley St.	New Phila. 17959
1,2,57,58	Jeddo-Highland Coal Co. B CP bk S	Louis Pagnotti	P. O. Box 450	Pittston 18640
56	Jet Coal Co. S	John G. Menapare	Natalie Road	Strong 17879
50	Jones & Brague Mining Co. S	R. F. Brague	106 Carpenter	Blossburg 16912
58	K. B. & S. Construction Co. S	Glenn Brass	P. O. Box 249	Mt. Carmel 17851
3	K. & K. Coal Co. DM	Joseph Kroh	935 Walnut St.	Ashland 17921
60	K & K Coal Co. S	B. Kuperavage	133 Val. Furnace	Port Carbon 17965
3	K. L. & M. Coal Co. DM	Gilbert Maurer	1147 Shamokin St.	Trevorton 17881
6	K. M. K. Coal Co. DM	Dennis Mace		Spring Glen 17978
6	K. R. K. Coal Co. DM	John Kroh		Joliett 17981
6	K. & T. Coal Co. DM	Ray Bair		Williamstown 17098
3	K. & W. Coal Co. DM	Robt. Kobonick	Box 61	Shamokin 17872
3	K W Y Coal Co. DM	A. Kucheskie	1576 Pulaski Ave.	Shamokin 17872
1,53	Kaminski Brothers, Inc. B S	Walter Kozak	378 State Road	Avoca 18641
5	Keim & Tallman Coal Co. bk	Ralph A. Keim	R. D. 1	Tower City 17980
3,58	Kerris & Helfrick, Inc. B bk S	Jos. Rosinski	Lehigh & Poplar	Mt. Carmel 17851
6	Kintzel Bros. Coal Co. DM	Nathan Kintzel	R. D.	Pine Grove 17963
5	Klinger Coal Co. DM	Earl Klinger	R. D. 2	Hegins 17938
5	Knorr Coal Co. DM	Leroy Knorr, Jr.	R. D. 1	Hegins 17938
5,6,60	Kocher Coal Co. DM B S	R. W. Rissinger	Box 127	Valley View 17983
60	Komitsky Coal Co., Inc. S	Michael Tobin		Melrose Park 19126
60	Kuperavage, Joseph S	Joe Kuperavage	916 Park Ave.	Port Carbon 17965
57	L.C. Enterprises S	Wm. McDonald	R.D. 3, Box 299B	Pottsville 17901
53	L.D.V.F. Associates S		603 Main St.	Moosic 18507
57,58	Lehigh Valley Anthracite S	Louis Pagnotti	P. O. Box 450	Pittston 16840
3	Lenig Crusher Plant CP	C. V. Lenig	R.D. 1, Box 117A	Shamokin 17872
2	Locust Dale Mng., Inc. DM	Fred. P. Dando	Box 359	Minersville 17954
5	Lucas Mining Co. DM	Larry Lucas	R. D.	Klingerstown 17941
5	Lucas & Partners Coal Co., Ray DM	Ray Lucas		Donaldson 17981
1,53	Lucky Strike Coal Corp. CP B S	Franklin Pascucci	109 E. 1st St.	Hazleton 18201
4	M. & M. Coal Co. DM	Michael Bubel	129 Lewis St.	Brockton 17925
3	M. & R. Coal Co. DM	Donald Rebusck	Box 172-A	Pillow 17080
5	M.S.W. Coal Co. DM	Donald Scheib		Spring Glen 17978
6	M. W. Z. Coal Co. DM	Henry Maidenford		Joliett 17981
2	Malho Coal Co. B	Ralph Malho		Lavelle 17943
4,5	Manbeck Dredging Co. W bk	Kenneth Heiser	Rr. 218 E. Liberty	Sch. Haven 17972

District	Operator	General Supt.	Address	Zip Code
1	Marvin Enterprises, Inc. B	V. J. Metallo	Keyser & Phila.	Scranton 18509
1	Mazaika Bros. Coal Co. B	David Mazaika	R. D. 2	Tamaqua 18252
6	Meadowbrook Coal Co. W bk	Leslie Kimmel		Lykens 17048
5	Mercury Coal Co. DM	Leon Richter		Tremont 17981
2	Metzinger Coal Co. DM B	D. Metzinger	R. D. 2	Ashland 17921
1	Moosic Coal Co. B	A. Giarratano	1000 Spring Brook	Moosic 18507
3	Morata Coal Co. DM	Lawrence Morata	1053 Spruce St.	Kulpmont 17834
4	Mountain Side Coal Co. B	Roy Hable	648½ E. Broad	Tamaqua 18252
5	Mountain Top Coal Co. DM	William Vesay	415 Francis St.	Minersville 17954
2	N.B.C. Coal Co. DM	Lamar Kerstetter	R.D. 2, Box 328	Shamokin 17872
3	N & L Coal Co. DM	Anthony Novrocki	R.D. 1, Box 212	Paxinos 17860
56,57,58	N & L Coal Co. S	Herman Wright	724 Center St.	Ashland 17921
2	New Way Coal Co. DM	Darvin Smith	R.D. 1, Box 618	Ashland 17921
4	Niadna Coal Co. DM	Frank Niadna	146 Water St.	New Phila. 17959
1,53	Northeast Energy Co. B S	Wm. H. Corgan	466 Wyoming Ave.	Kingston 18704
3	North Mountain Coal Co., Inc. DM	A. Raczkowskie	1237 W. Nelson	Shamokin 17872
6	Okay Coal Co. DM	Leonard Harner		Spring Glen 17978
4	Olenick Bros. Coal Co. B	Nicholas Olenick	R.D. 1, Box 117A	Pottsville 17901
5	Orchard Coal Co. DM	Franklin Lucas		Pine Grove 17963
1	P & M Mining Co. B	John Percival	P. O. Box 206	Mildred 18632
6	P. S. R. Coal Co. DM	Peter Poletti		Valley View 17983
57	Pacine Coal Co., Michael S	Michael Pacine	Water St.	Cumbola 17930
57	Pacine & Boran Coal Co. S	Carl M. Pacine	Moss Glen Rd.	Brockton 17925
60	Parschantel Energy, Inc. S	Thomas Sweigert	11 Country Club Place West	Camp Hill 17011
53	Pasternak Brothers S	J. Pasternak	419 Center St.	Taylor 18517
57	Peck Coal Co., Joseph, % R/S Financial Corp S	Joseph Peck	2000 Market St.	Philadelphia 19103
50	Percival, John S	John Percival	248 Main St.	Blossburg 16912
1,2	Phoenix Contracting Co. bk	Wm. L. Jones, Jr.	P. O. Box 433	Pottsville 17901
5	Pine Creek Coal Co. B	Ronald Klinger		Spring Glen 17978
3	Pine Line Coal Co. DM	Metro Kokolas	426 Water St.	Ranshaw 17866
3	Pinto Coal Co., Inc. bk	Frank Lotzi	540 Wyoming Ave.	Wyoming 18644
2	Polcovich Coal Co. DM	John Polcovich	E. Center St.	Centralia 17927
1	Pollock, Inc., Ken bk	Geo. E. Sorber	Main Hwy U.S. 11	Hunlock Creek 18621
1	Popple Brothers B bk	Raymond Popple	205 Lippi Bldg.	Pittston 18640
1,4	Premium Fine Coal Co., Inc. FCP bk	John Fiderak	R.D. 2, Box 111	Tamaqua 18252
3	R. & N. Coal Co., Inc. B	Elwood Swank	R.D. 1, Box 336C	Paxinos 17860
2,3,4,57,58,60	Reading Anthracite Co. CP FCP B bk S	Harry M. Hale	200 Mahantongo	Pottsville 17901
57	Rodino, Vito S	Daniel Rodino		Haddock 18201
1	Romanski Trucking bk	Jerome Romanski	10 Union St.	Inkerman 18640
3,58	Rosini Coal Co. B S	A. Rosini	P. O. Box 184	Shamokin 17872
60	Ryon Realty Co., Inc. S	Alfred Marks	200 E.Norwegian	Pottsville 17901
6	S. & S. Coal Co. DM	Wm. Showers		Williamstown 17098
6	S. & T. Coal Co. DM	Alvin Bixler		Valley View 17983
4	S. & Z. Coal Co. DM	Ed. Sorokach	R.D. 2, Box 516	Pottsville 17901
2	Savitski Bros. Coal Co. B DM	Joseph Savitski	Forrest & Mulberry	Atlas 17851
6	Schneck Coal Co.,Thos. W. B	T. W. Schneck	R. D. 1	Pine Grove 17963
4,60	Schuylkill Contr. Co. bk S	Frank Ryan	R.D. 2, Box 2312	Pottsville 17901
2	Scott Coal Co. DM	Raymond Dunsavage	R. D. 1	Barnesville 18214
6	Shade Coal Co. DM	Clayton Shade		Sacramento 17968
2	Shally Coal Co. DM	Steve Shalamanda	R.D. 1, Box 9	Ashland 17921
4	Shamrock Coal Co. B DM	Joseph Mullin	P. O. Box 516	New Phila. 17959
5	Sharp Mt. Coal Co. DM	H. Koppenhaver	P. O. Box 127	Tremont 17981
6	Shomper Coal Co. DM	Russel Shomper		Williamstown 17098
1,53	Silverbrook Anthracite, Inc. B CP bk S	Michael Kassa	322 Simpson St.	Dupont 18641
4,57	Skytop Contr. Co., Inc. B S	F. J. DiCasimirro	P. O. Box 330	Mahanoy City 17948
3	Skyview Coal Co. DM	Michael Sjomgara	R.D. 3, Box 142	Sunbury 17801
2	Sluck Coal Co. DM	Joseph Sluck	Box 395	Gilberton 17934
3	Smeltz Coal Co. DM	Clair Schwalm		Valley View 17983
6	Snyder Coal Co. DM	Dennis Snyder	R.D. 2, Box 46-A	Hegins 17938
60	Socko, William S	Wm. Socko	R. D., Box 1391	Pottsville 17901
4	South Tamaqua Coal Pockets Inc. B	C. Warne, Jr.	R. D. 3	Tamaqua 18252
58	Sosnoski Coal Co.,Michael G. S	M. G. Sosnoski	250 Warsaw St.	Marion Heights 17832
58	Split Vein Coal Co.,Inc. S	Elwood Swank	R.D. 1, Box 336C	Paxinos 17860
4	Spring Creek Coal Co. W	Lawrence Bechtel	R.D. 3, Box 37	Tamaqua 18252
3	Sunshine Coal Co. B	Paul H. Reed	P. O. Box 502	Trevorton 17881
5	Superior Prep. Co., Inc. B	Joseph Blyler	R. D. 1	Hegins 17938

District	Operator	General Supt.	Address		Zip Code
5,60	Swatara Coal Co. B S	Frank Parker	P. O. Box G	Minersville	17954
3	Swift Coal Sales, Inc. B	Adam Swift, Jr.	R.D. 1, Box 8	Paxinos	17860
3	T & L Coal Co. DM	Stephen Shingara	R.D. 1, Box 131	Shamokin	17872
57	Tancredi, Joseph S	Jos. Tancredi	307½ W. Coal St.	Shenandoah	17976
1	Tedesco Bros. Coal Co. bk B	Frank Tedesco	P. O. Box 4	Pardeesville	18243
5	Tracy Coal Co. DM	Randy Rothermel	R. D. 1	Klingerstown	17941
58	Tri-County Land & Coal Co. S	C. W. Wezner	P. O. Box 98	Hazleton	18201
4	Tuscarora Coal Corp. B	Jos. Parker	P. O. Box 447	New Phila.	17959
6	Underkoffler Coal Co. DM	Glen Underkoffler		Williamstown	17098
6	Underkoffler Coal Sales B	W. Schwartzlander		Lykens	17048
60	W. & W. Construction Co. S	Jos. Walacavage	R.D. 1, Box 1632	Pottsville	17901
5	Walaitis Coal Co. DM	John Walaitis	40 S. Wylam St.	Frackville	17931
6	Wenrich Coal Co. DM	Whalen Wenrich		Spring Glen	17978
6	Williamson Coal Co.,Inc. DM	Alfred Williamson		Valley View	17983
4	Winne Land Co., Inc. W	Robert Bickel	R.D. 2, Box 2312	Pottsville	17901
6	Wolfe Coal Co. DM	Thos. I. Wolfe		Pine Grove	17963
2,3	Wolfgang Bros. Coal Co. DM	Lewis G. Wolfgang	R.D. 1, Box 231A	Ashland	17921
5	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llwelllyn	17944
57	Wright Contracting Co. S	Herman O. Wright	Box 70	Locust Dale	17945
2	Zakrewsky Coal Co.,Inc. DM	Peter Zakrewsky	Box 293 Park Cr.	Barnesville	18214
6	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine	17966

**BITUMINOUS
COAL
REGION
STATISTICAL
REPORTS**

BITUMINOUS COAL

Production, Employees, Fatalities, 1877 to 1978

Year	Production (Net Tons)*	Stripping Production	Em- ployes	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1000 Em- ployes	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1877	1,305,932	-	16,627	13	100,456	0.78	9.95	3
1878	12,500,741	-	25,787	48	260,432	1.86	3.84	3
1879	14,341,369	-	27,286	55	242,570	2.01	3.84	3
1880	16,564,440	-	33,391	48	345,092	1.43	2.90	3
1881	15,916,123	-	35,530	57	279,230	1.60	3.58	4
1882	20,694,110	-	42,393	94	220,150	2.22	4.54	4
1883	18,729,817	-	35,091	54	346,848	1.54	2.88	6
1884	20,553,090	-	39,904	105	195,744	2.63	5.11	6
1885	23,413,692	-	44,145	83	282,092	1.88	3.54	8
1886	27,107,173	-	52,364	74	366,313	1.41	2.73	8
1887	29,966,855	-	57,868	84	356,748	1.45	2.80	8
1888	33,772,286	-	61,565	90	375,248	1.46	2.66	8
1889	34,625,054	-	62,084	105	329,762	1.69	3.03	8
1890	40,884,103	-	67,383	146	273,179	2.17	3.57	8
1891	41,805,642	-	74,135	237	176,395	3.20	5.67	8
1892	46,581,575	-	78,805	134	347,623	1.70	2.88	8
1893	43,421,898	-	81,872	131	334,015	1.60	3.02	10
1894	39,800,210	-	86,118	123	320,969	1.43	3.09	10
1895	51,818,112	-	84,976	156	332,167	1.84	3.01	10
1896	50,284,692	-	83,801	180	279,359	2.15	3.58	10
1897	54,625,272	-	86,553	150	364,168	1.73	2.75	10
1898	64,247,665	-	87,803	200	321,238	2.28	3.11	10
1899	73,066,945	-	91,505	258	283,205	2.82	3.53	10
1900	79,318,362	-	108,735	265	299,315	2.44	3.34	10
1901	80,914,236	-	117,501	301	268,818	2.56	3.72	12
1902	98,529,122	-	135,611	456	216,072	3.36	4.63	12
1903	103,713,982	-	151,745	402	257,995	2.65	3.88	15
1904	99,600,167	-	155,747	536	185,821	3.44	5.38	15
1905	119,361,514	-	164,941	479	249,189	2.90	4.01	16
1906	129,532,989	-	172,928	477	271,557	2.76	3.68	18
1907	149,559,047	-	183,121	506	185,557	4.40	5.39	20
1908	114,937,375	-	181,840	872	200,939	3.15	4.98	20
1909	136,205,695	-	185,921	506	269,181	2.72	3.71	21
1910	148,770,858	-	193,488	539	276,013	2.79	3.62	21
1911	142,189,329	-	182,653	515	276,096	2.82	3.62	25
1912	160,830,492	-	182,642	446	360,606	2.44	2.77	26
1913	172,965,659	-	189,909	611	283,086	3.22	3.53	28
1914	145,884,530	-	196,038	413	353,231	2.11	2.83	28
1915	157,420,068	-	187,734	442	356,154	2.35	2.81	30
1916	169,123,814	-	174,304	436	387,899	2.50	2.58	30
1917	171,074,411	-	186,586	494	346,304	2.65	2.89	30
1918	177,217,294	-	181,678	494	358,739	2.72	2.79	30
1919	147,085,781	-	180,831	401	366,797	2.22	2.73	30
1920	166,929,002	-	184,168	424	393,700	2.30	2.54	30
1921	114,447,134	-	200,419	284	402,983	1.42	2.48	30
1922	108,310,046	-	194,630	424	255,448	2.18	3.91	30
1923	169,181,137	-	200,538	401	421,898	2.00	2.37	30
1924	128,751,028	-	174,469	345	373,191	1.98	2.68	30
1925	135,266,612	-	165,586	312	433,547	1.88	2.31	30
1926	151,746,464	-	164,782	421	360,443	2.55	2.77	30
1927	131,644,922	-	158,204	355	370,831	2.24	2.70	30
1928	129,846,153	-	137,944	508	255,603	3.68	3.91	30
1929	142,351,359	-	135,272	378	376,591	2.79	2.66	30
1930	123,417,850	-	133,703	296	416,952	2.21	2.40	30
1931	96,844,250	-	119,265	208	465,597	1.74	2.15	30
1932	74,162,485	-	106,597	155	478,468	1.45	2.09	30
1933	78,511,846	-	116,917	135	581,569	1.15	1.72	26
1934	89,592,481	-	127,868	157	570,653	1.23	1.75	26
1935	91,140,273	-	129,346	161	566,089	1.24	1.77	26
1936	108,964,865	-	133,914	190	573,499	1.42	1.74	26
1937	110,417,947	-	133,487	186	593,645	1.39	1.68	25

Year	Production (Net Tons)*	Stripping Production	Em- ploys	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1000 Em- ploys	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1938	76,881,944	-	115,347	119	646,067	1.03	1.55	25
1939	89,397,222	2,792,966	117,959	120	744,977	1.02	1.34	25
1940	111,416,916	2,808,607	117,832	188	592,643	1.60	1.69	25
1941	127,469,207	6,479,207	124,941	166	767,887	1.33	1.30	23
1942	142,759,573	10,303,160	115,451	187	763,420	1.62	1.31	27
1943	139,801,363	17,177,054	105,903	178	785,401	1.68	1.27	26
1944	144,408,418	22,211,661	99,942	164	880,539	1.64	1.14	25
1945	130,696,854	26,675,095	98,764	141	926,928	1.43	1.08	27
1946	123,587,065	31,027,425	103,894	128	965,524	1.23	1.04	27
1947	144,761,964	35,946,734	109,202	134	1,080,313	1.23	0.93	27
1948	130,627,789	33,483,099	110,326	114	1,145,857	1.03	0.87	27
1949	87,351,892	21,326,389	100,119	65	1,343,875	0.65	0.74	29
1950	103,439,887	25,460,343	94,514	83	1,246,264	0.88	0.80	29
1951	106,680,097	22,688,543	86,369	70	1,524,011	0.81	0.66	28
1952	87,308,999	19,462,498	76,676	63	1,385,857	0.82	0.72	30
1953	91,938,156	19,538,037	69,126	67	1,372,211	0.97	0.73	30
1954	70,823,985	16,954,885	55,405	44	1,609,636	0.79	0.62	29
1955**	85,042,677	19,212,869	52,103	50	1,700,854	0.96	0.59	27
1956	88,595,658	21,694,916	50,529	51	1,737,170	1.01	0.58	26
1957	84,064,493	20,558,733	46,989	53	1,586,123	1.13	0.63	30
1958	67,398,564	19,548,293	41,309	32	2,106,205	0.77	0.47	31
1959	65,627,585	20,506,999	37,337	35	1,875,074	0.94	0.53	31
1960	65,595,999	21,028,887	33,396	26	2,522,923	0.78	0.40	29
1961	63,171,313	20,892,758	29,633	22	2,871,423	0.74	0.35	26
1962	65,648,015	22,235,984	27,264	59	1,112,678	2.16	0.90	28
1963	71,258,957	24,233,668	26,216	21	3,393,284	0.80	0.29	30
1964	77,321,793	24,019,760	26,008	18	4,295,655	0.69	0.23	30
1965	80,119,548	23,681,102	25,206	33	2,427,865	1.31	0.41	32
1966	81,449,647	24,701,150	24,729	28	2,908,916	1.13	0.34	33
1967	79,101,385	21,729,033	23,811	27	2,929,681	1.13	0.34	33
1968	75,714,611	20,512,477	23,117	29	2,610,849	1.25	0.38	33
1969	78,185,036	21,652,731	22,969	25	3,127,401	1.09	0.32	33
1970	80,091,922	24,161,015	24,667	30	2,669,731	1.21	0.37	42
1971	71,776,681	26,861,508	26,549	32	2,243,021	1.21	0.45	42
1972	75,863,137	25,717,040	25,627	19	3,992,797	0.74	0.25	45
1973	76,796,661	29,326,629	26,722	17	4,517,450	0.64	0.22	45
1974	80,042,191	36,056,422	29,108	20	4,002,109	0.68	0.24	45
1975	84,479,031	37,577,930	34,170	17	4,969,354	0.49	0.20	45
1976	85,747,874	40,242,401	36,240	19	4,513,046	0.52	0.22	49
1977	86,421,876	46,605,297	38,307	12	7,201,823	0.31	0.14	51
1978	80,342,913	46,552,420	39,230	7	11,477,559	0.18	0.09	55

* Includes stripping production

** In 1955, and subsequent years, the production, employees and fatalities of deep mines employing fewer than five (5) persons inside are included in the Division totals.

BITUMINOUS COAL REGION
PRODUCTION OF COAL, EMPLOYEES, FATALS AND NUMBER OF MINES BY COUNTY

1978

County	Deep Production	Strip Production	Auger Production	Refuse Production	Total Production	Deep Employees	Strip Employees	Auger Employees	Refuse Employees	Total Employees	Fa- tals Per 1,000 Employees	Pro- duction Per 1,000 Employees	No. of Non- fatal Deaths	No. of Deep, Strip & No. of Auger Mines	Total No. of Tipples & Auger House Reparation Plants
Allegheny	2,189,285	529,151	-	-	2,718,436	1,601	188	-	-	2,30	2,019	1	2,718,436	78	47
Armstrong	2,887,199	3,441,152	93,690	2,359	6,424,400	1,485	747	21	7	120	2,380	1	6,424,400	124	161
Beaver	-	268,991	3,755	-	272,746	9	58	3	-	19	89	-	-	2	13
Bedford	-	115,588	-	-	115,588	-	65	-	-	-	65	-	-	8	-
Blair	-	33,118	-	-	33,118	-	17	-	-	-	17	-	-	4	-
Butler	180,031	1,833,113	-	-	2,013,146	222	401	-	-	2	688	-	-	-	1
Cambria	3,468,206	2,141,681	1,189	223,793	5,834,869	4,133	452	3	85	411	5,084	1	5,834,869	25	66
Centre	410,050	737,417	-	-	1,147,467	216	188	-	-	80	484	-	-	15	21
Clarion	-	5,825,125	2,652	-	5,827,777	-	1,014	-	-	206	1,220	-	-	22	164
Clearfield	466,296	9,413,279	53,559	-	9,933,134	225	2,423	12	-	295	2,955	-	-	114	320
Clinton	-	147,771	-	-	147,771	-	24	-	-	24	184	-	-	41	-
East	-	72,180	10,068	-	752,728	-	158	2	-	2	184	-	-	41	-
Elk	-	2,324,853	6,147	1,222	2,821,151	493	696	3	4	255	1,451	-	-	29	155
Fayette	488,929	23,651	-	-	23,651	-	7	-	-	-	7	-	-	2	-
Fulton	5,640,825	972,793	-	-	6,613,618	4,271	287	-	-	329	4,887	1	6,613,618	210	69
Greene	-	70,490	-	-	70,490	-	10	-	-	-	10	-	-	173	-
Huntingdon	7,109,166	2,226,900	49,931	25,431	9,411,828	4,774	388	19	15	391	5,777	2	4,849,462	476	117
Indiana	-	1,526,866	-	-	1,526,866	-	355	-	-	65	1,980	-	-	165	11
Jefferson	1,051,322	924,742	36,197	-	1,962,939	-	137	6	-	5	168	-	-	27	1
Lancaster	-	321,341	-	-	321,341	-	52	-	-	5	57	-	-	2	2
Lycoming	-	371,544	-	-	371,544	-	48	-	-	22	70	-	-	4	9
Mercer	-	4,012,809	14,254	-	6,275,666	1,556	1,311	5	-	374	3,266	1	6,275,666	184	233
Somerset	2,248,603	-	-	-	2,248,603	-	-	-	-	-	-	-	-	14	3
Tioga	-	588,296	-	-	588,296	-	137	-	-	7	144	-	-	4	11
Venango	-	1,428,655	-	-	1,428,655	-	25	-	-	1	186	-	-	88	1
Washington	7,592,665	-	-	1,569	9,428,655	5,381	453	-	-	6	5,987	-	-	253	88
Westmoreland	3,111,465	2,021,102	8,295	-	5,140,862	3,373	500	1	6	44	924	-	-	146	1
REGION TOTAL	33,210,022	46,552,420	281,703	298,768	80,342,913	24,694	11,117	75	128	3,216	39,230	7	11,477,559	2,069	13

* Employees included with those at strip operations.

BITUMINOUS COAL REGION
PRODUCTION OF COAL AND COKE BY DISTRICT, EMPLOYEES AND ACCIDENTS
1978

District	Shipped to Market		Coal Used		Total Production Of Coke	Average Days Worked	Number Of Employees	Fatal Accidents	Nonfatal Accidents
	By Rail	By Water	Locally For Domestic Purposes	In The Manufacture Of Coke					
1	468	-	-	-	32,026	186	48	-	3
2	1,372	-	-	-	52,023	216	48	-	1
3	369,879	2,684,659	50,651	-	3,065,480	193	2,462	1	113
4	-	1,344,852	91,137	-	1,436,085	188	1,239	-	67
5	-	1,336,254	23,387	-	1,178,102	175	1,016	-	50
6	728,286	1,183,733	279,764	-	2,191,783	183	1,354	1	33
7	1,122,158	1,614,050	746	-	2,736,954	176	2,590	-	124
8	1,486,277	1,339,769	15,195(b)	-	1,440,461	172	1,590	-	127
9	116,472	210,748	-	-	327,220	249	512	-	25
10	6,294	2,134,073(c)	-	-	2,140,367	178	1,069	1	84
11	528,941	20,278	1,675	-	1,137,897	180	832	1	51
12	482,123	48,359	420	-	530,902	196	475	-	6
13	842,386	-	2,329	-	844,715	210	725	-	26
14	211,471	168,215	2,359	-	375,685	193	523	-	26
15	406,838	868,201(d)	-	-	1,275,039	191	908	-	91
16	-	1,674,990(e)	-	-	1,674,990	175	1,425	-	62
17	549,126	-	-	-	549,126	212	614	-	27
18	574,412	-	-	-	791,443	160	977	-	172
19	1,667,593	38,329	-	-	1,705,922	173	1,460	-	236
20	177,527	377,097	90	-	1,254,714	161	619	1	29
21	1,569,113	1,569,113	-	-	1,569,113	184	1,830	-	53
22	130,453	1,075,186	4,708	-	1,230,347	187	830	-	103
23	63,860	789,111	-	-	853,362	186	895	-	105
24	928,286	510,322	874	-	1,439,482	156	1,638	-	161
25	-	2,269,776(f)	-	-	2,269,776	175	1,413	1	99
26	1,392,793	16,902	56	-	2,193,225	175	1,699	-	55
27	1,120,706	1,070,124	37,842	-	2,204,657	238	449	-	25
28	1,146,725	1,146,725	17,842	-	1,146,725	184	302	-	27
29	-	1,020,456	19,133	-	1,241,484	184	302	-	8
30	-	495,351	-	-	701,116	176	157	-	3
31	-	568,078	-	-	972,793	200	287	-	3
32	783,474	-	-	-	1,489,067	170	427	-	2
33	164,464	1,044,090	1,143	-	843,157	178	276	-	3
34	11,000	276,003	10,490	-	1,090,187	170	276	-	1
35	93,740	1,239,442	21,632	-	1,490,197	170	276	-	1
36	769,101	-	200	-	1,825,502	193	424	-	5
37	660,861	1,050,738	100	-	1,711,699	176	351	-	8
38	3,353,890	1,022,121	30,860	-	4,406,871	288	747	-	18
39	1,080,161	1,769,397	3	-	2,849,561	283	460	-	6
40	796,628	284,142	11,469	-	1,092,239	200	325	-	24
41	1,386,753	1,386,753	13,382	-	1,386,753	198	322	-	10
42	1,860,306	1,983,426	31,382	-	1,275,162	198	322	-	10
43	90,604	923,462	13,434	-	1,027,500	155	290	-	4
44	337,427	572,901	60	-	910,388	182	391	-	8
45	405,574	978,228	30,400	-	1,414,202	171	422	-	5
46	329,958	1,372,278	237	-	1,702,473	200	503	-	7
47	1,353,190	1,007,613	5,860	-	2,366,663	215	740	-	8
48	2,137,190	1,544,966	69,211(g)	-	3,682,156(h)	215	740	-	46
49	373,180	1,944,966	69,211(i)	-	2,387,337	212	698	-	10
50	720,406	1,389,953	44,355	-	2,154,714	197	540	-	10
51	677,189	992,802	12,814	-	1,682,805	217	414	-	12
52	588,790	777,421	488	-	1,366,699	226	299	-	1
53	881,936	1,129	1,129	-	1,058,758	202	240	-	6
54	175,693	385,517	2,779	-	589,296	168	137	-	4
55	92,127	150,455	285	-	252,847	139	39	-	4
TOTAL	29,477,870	11,935,998	38,469,014(i)	460,031(j)	80,342,913	191	39,230	7	2,069

NOTE: (a) 8,755 tons stockpiled. (b) 16,483 tons stockpiled. (c) 1,743,246 tons were transported by conveyor belt. (d) 351,949 tons were transported by conveyor belt. (e) 1,470,990 tons were transported by conveyor belt. (f) 1,544,542 tons were transported by conveyor belt. (g) 69,099 tons stockpiled. (h) 59,867 tons stockpiled. (i) 5,233,737 tons were transported by conveyor belt. (j) 132,134 tons stockpiled.

SUMMARY OF BITUMINOUS COAL EMPLOYEES--1978

District	INSIDE EMPLOYEES										OUTSIDE EMPLOYEES										Total Inside Outside	Total Outside
	Hand Loaded Mining										Super- intention Foremen & Clerks Preparation Pipes & Tipples All Others											
	Shot Fires	Pick Miners	Cutting Machine Operators	Hand Loading Miners	Mechanical Loading	All	Others	Total Inside	Super- intention Foremen & Clerks	Preparation Pipes & Tipples	All Others	Total Outside										
1	-	-	-	-	32	141	232	355	36	146	41	223	16	48	616							
2	-	-	-	-	727	1,132	-	1,859	148	251	204	603	2,462									
3	-	-	-	-	513	310	-	865	173	78	143	394	1,239									
4	4	-	18	-	419	389	-	808	81	72	55	398	1,016									
5	-	-	-	-	645	645	-	1,290	26	159	60	245	1,354									
6	-	-	-	-	550	1,200	-	1,750	41	145	142	328	2,078									
7	-	-	-	-	1,072	-	-	1,072	112	245	141	518	1,590									
8	-	-	-	-	93	28	-	121	15	346	30	391	512									
9	-	-	-	-	983	22	-	1,005	26	15	23	64	1,069									
10	-	-	-	-	544	98	-	646	72	78	36	186	832									
11	1	-	1	2	177	200	-	377	36	44	18	98	475									
12	-	-	-	-	299	202	-	501	51	36	137	224	725									
13	-	-	-	-	188	-	-	189	13	110	11	134	323									
14	-	-	-	1	701	27	-	728	37	76	67	180	908									
15	-	-	-	-	1,157	-	-	1,157	154	59	55	268	1,425									
16	-	-	-	-	130	22	-	152	44	319	9	402	614									
17	-	-	-	-	1,238	184	-	1,422	31	105	98	222	1,460									
18	-	-	-	-	302	234	-	536	14	118	59	83	619									
19	-	-	-	-	740	-	-	740	144	118	51	313	1,093									
20	-	-	-	4	428	125	-	553	88	151	33	272	830									
21	1	-	-	1	634	-	-	635	19	223	19	260	895									
22	-	-	-	1	1,313	387	-	1,700	92	212	81	325	1,638									
23	-	-	-	-	1,165	-	-	1,165	47	39	78	164	1,699									
24	-	-	-	-	1,115	420	-	1,535	60	-	389	449	1,984									
25	-	-	-	-	-	-	-	-	26	-	178	204	389									
26	-	-	-	-	-	-	-	-	40	-	262	302	564									
27	-	-	-	-	-	-	-	-	29	-	128	157	286									
28	-	-	-	-	-	-	-	-	59	-	368	427	487									
29	-	-	-	-	-	-	-	-	62	-	214	276	276									
30	-	-	-	-	-	-	-	-	88	-	331	419	419									
31	-	-	-	-	-	-	-	-	69	-	207	276	276									
32	-	-	-	-	-	-	-	-	74	-	350	424	424									
33	-	-	-	-	-	-	-	-	43	-	308	351	351									
34	-	-	-	-	-	-	-	-	50	-	410	460	460									
35	-	-	-	-	-	-	-	-	46	-	279	325	325									
36	-	-	-	-	-	-	-	-	79	-	470	549	549									
37	-	-	-	-	-	-	-	-	56	-	266	322	322									
38	-	-	-	-	-	-	-	-	46	-	244	290	290									
39	-	-	-	-	-	-	-	-	52	-	351	391	391									
40	-	-	-	-	-	-	-	-	46	-	279	325	325									
41	-	-	-	-	-	-	-	-	74	-	466	540	540									
42	-	-	-	-	-	-	-	-	81	-	594	698	698									
43	-	-	-	-	-	-	-	-	104	-	67	473	540									
44	-	-	-	-	-	-	-	-	61	-	353	414	414									
45	-	-	-	-	-	-	-	-	52	-	247	299	299									
46	-	-	-	-	-	-	-	-	22	-	218	240	240									
47	-	-	-	-	-	-	-	-	10	-	127	137	137									
48	-	-	-	-	-	-	-	-	20	-	79	99	99									
49	-	-	-	-	-	-	-	-	3,151	-	11,428	17,795	39,230									
50	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
51	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
52	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
53	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
54	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
55	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
56	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
57	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
58	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
59	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
60	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
61	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
62	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
63	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
64	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									
65	-	-	-	-	-	-	-	-	3,216	-	11,428	17,795	39,230									

BITUMINOUS COAL REGION
OPERATORS PRODUCING OVER 200,000 TONS OF DEEP MINED COAL
1978

<u>District</u>	<u>Operator</u>	<u>Production</u>	<u>Employees</u>
3,4,7,13	United States Steel Corporation	4,424,945	2,990
1,7,18,20,21,22,24,26	Bethlehem Mines Corporation	4,065,656	4,472
10,15	Keystone Coal Mining Corporation	2,637,183	1,313
5,6,12,22,26	Consolidation Coal Company	2,505,971	1,752
25	Helvetia Coal Company	1,526,675	745
19	Greenwich Collieries	1,419,823	1,015
1,5,8,12	Republic Steel Corporation	1,409,115	1,299
16	The Florence Mining Company	1,355,834	1,202
8,13	Jones & Laughlin Steel Corporation	1,238,147	1,333
18,19,24	Barnes & Tucker Company	1,216,747	1,523
6	Mathies Coal Company	1,181,639	676
26	Gateway Coal Company	783,474	668
4	Duquesne Light Company	699,126	530
3	Nemacolin Mines Corporation	622,100	601
25	The Helen Mining Company	611,639	467
23	G. M. & W. Coal Company, Inc.	472,689	405
11	Penn Allegh Coal Company, Inc.	462,890	210
16,25	The North American Coal Corporation	450,618	328
11	Canterbury Coal Company	422,526	289
17	Rushton Mining Company	410,050	246
3	Emerald Mines Corporation	369,879	354
5	Harmar Coal Company	339,852	307
21	Island Creek Coal Company	308,125	401
11	Tunnelton Mining Company	296,906	215
22	Lunar Mining, Inc.	266,995	78
13	National Mines Corporation	263,110	285
23	Mark Mining, Inc.	260,649	213
15	Mears Coal Company	228,818	108
10	Carpentertown Coal & Coke Company	202,894	91

BITUMINOUS COAL REGION
OPERATORS PRODUCING OVER 200,000 TONS OF STRIP, AUGER AND REFUSE COAL
1978

District	Operator	Production	Employees
9,30,35,35A,36,37,46	C & K Coal Company	2,262,082	346
9,14,17,38A,39,42,43,44 45,45A	Benjamin Coal Company	2,027,848	439
9,36	Shannon Coal Company	959,590	174
9,36,38A	W. P. Stahlman Coal Company, Inc.	834,583	176
35,35A,39A	Kent Coal Mining Company	783,116	91
17,43,44,45	K & J Coal Company, Inc.	770,909	296
24,42,43	Cambria Coal Company	758,961	215
21,42	Cooney Brothers Coal Company	755,830	124
9,17,40A,45,46,47	River Hill Coal Company, Inc.	682,984	208
17,47,49	Jones & Brague Mining Company	611,904	123
1,37	Pengrove Coal Company	591,356	85
9,14,35,38,39,43,45A,46	P & N Coal Company, Inc.	539,604	149
44,45	Al Hamilton Contracting Company	538,239	110
9,38,38A,43,45,45A,46	Sky Haven Coal, Inc.	458,626	84
9,38,43	Kann Coal Company, Inc.	448,265	111
36,37,38A	Chernicky Coal Company, Inc.	445,975	81
38,38A,39	Doverspike Brothers Coal Company	442,945	80
33A	Luzerne Coal Corporation	433,807	101
33,34,34A	Adam Eidemiller, Inc.	432,671	131
9,17,43,44,45,45A,46,65	Avery Coal Company, Inc.	429,341	165
43,44,47	Elliot Coal Mining Company	385,344	89
9,38A,43,45A	Hepburnia Coal Company	352,444	71
32,32A	Twilight Industries	346,799	60
1,31	Ralph A. Veon, Inc.	316,532	38
33,33A	Marsolino Coal & Coke, Inc.	307,622	64
32	Midway Coal Company	306,898	55
35,36	Terry Reddinger	304,924	52
34	Aloe Coal Company	294,180	76
32,33,34	Bologna Mining Company	288,195	63
47	Halfway Coal Yard, Inc.	286,410	65
38A, 45A	Thomas Coal Company, Inc.	280,610	70
14,38,38A	Glenn Coal Co., Div. of Champion Coal Co., Inc.	280,329	96
34A,39A,42	Bentley Coal Company, Inc.	275,947	43
9,35,36,38A	R.E.M. Coal Company, Inc.	271,944	56
1,31	Ambrosia Coal & Construction Company	265,720	33
9,14,35,36,38,38A	R.D. Baughman Coal Company, Inc.	265,145	73
38,42,44	Fran Contracting Company	262,297	44
30,37	Lucas Coal Company, Inc.	261,549	43
17,43	Empire Coal Company, Inc.	251,114	47
1,30,31	Kerry Coal Company	243,120	42
22,23,40,40A,41	PBS Coals, Inc.	242,747	195
9,45,45A,46	Shawville Coal Company	242,377	109
34	Holliday Constructors	236,642	33
9,36,37	Zacherl Coal Company, Inc.	234,197	42
30	Bracken Construction	232,299	50
17,44, 47	James M. Stott Coal Company, Inc.	228,290	82
9,37	Glacial Minerals, Inc.	225,161	130
1,30	Willowbrook Mining Company	224,315	20
32,32A	Etna Equipment & Supply Company, Inc.	223,243	40
34A,39,39A	Old Home Manor, Inc.	220,423	58
34A,35,36	Darmac Coal, Inc.	215,569	36
23,40A	Penn Pocahontas Coal Company	212,238	102
17,45,47	Johnson & Morgan	212,016	44
44,46	Earl M. Brown Company	209,864	43
1,30,31	Perry Brothers Coal Company	203,199	41
35A,39A	Hawk Contracting, Inc.	200,946	52
17,34A,39,39A,40,42	North Cambria Fuel Company	200,705	61

CAUSES OF BITUMINOUS FATAL ACCIDENTS BY COUNTY

1978

County	Inside				Total
	:Roof Falls	Transportation	Machinery	Electricity:	
Allegheny	1	-	-	-	1
Armstrong	-	-	1	-	1
Beaver	-	-	-	-	-
Bedford	-	-	-	-	-
Blair	-	-	-	-	-
Bradford	-	-	-	-	-
Butler	-	-	-	-	-
Cambria	1	-	-	-	1
Centre	-	-	-	-	-
Clarion	-	-	-	-	-
Clearfield	-	-	-	-	-
Clinton	-	-	-	-	-
Elk	-	-	-	-	-
Fayette	-	-	-	-	-
Fulton	-	-	-	-	-
Greene	-	1	-	-	1
Huntingdon	-	-	-	-	-
Indiana	1	-	-	1	2
Jefferson	-	-	-	-	-
Lawrence	-	-	-	-	-
Lycoming	-	-	-	-	-
Mercer	-	-	-	-	-
Somerset	1	-	-	-	1
Tioga	-	-	-	-	-
Venango	-	-	-	-	-
Washington	-	-	-	-	-
Westmoreland	-	-	-	-	-
TOTAL	4	1	1	1	7

BITUMINOUS FATAL ACCIDENT VICTIMS

1978

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
3	Phillip P. Ferruti	Masontown	Nemacolin Mines Corporation	Nemacolin	Apr. 18	Transportation (Inside)
21	Mike Czuplak	Hollsopple	Island Creek Coal Company	Bird No. 2	May 2	Roof Fall
25	Charles Barr	Marion Center	Helvetia Coal Company	Lucerne No. 6	May 9	Roof Fall
5	Rudolph Zubaty	Claridge	Consolidation Coal Company	Renton	June 12	Roof Fall
20	Kenneth R. Vivis	Parkhill	Bethlehem Mines Corporation	Mine No. 31	June 22	Roof Fall
10	Leroy Anderson	Templeton	Carpentertown Coal & Coke Co.	Mahoning Creek No. 2	Sep. 19	Machinery (Inside)
11	Terry Alan McKnight	Avonmore	Tunnelton Mining Company	Marion	Oct. 14	Electricity

BITUMINOUS COAL REGION
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED

1884--1978

Year	Date	Mine	Operator	Location of Mine	Falls of roof	Suf- foca- tion	Mine cars	Explo- sions of gas and dust	Explo- sives	Mine fires	Falling down shafts
1884	Feb. 20	West Leisenring	Connellsville Coke & Iron Co.	West Leisenring	-	-	-	19	-	-	-
1885	Oct. 27	Youngstown	Youngstown Coke Co., Ltd.	Uniontown	-	-	-	14	-	-	-
1888	Nov. 3	Kettle Creek	Kettle Creek Coal Co.	(near) Cook's Run	-	-	-	17	-	-	-
1890	June 16	Hill Farm	Dunbar Furnace Co.	Dunbar	-	-	-	-	-	-	-
1891	Jan. 27	Mammoth	H. C. Frick Coke Co.	Mount Pleasant	-	-	-	-	-	31	-
1896	Mar. 27	Berwind	Berwind-White Coal Mining	DuBois	-	-	-	109	-	-	-
1898	Sep. 23	Umpire	Umpire Coal Co.	Brownsville	-	-	-	13	-	-	-
1899	July 24	Grindstone	Redstone Oil, Coal & Coke Co.	Grindstone	-	-	-	8	-	-	-
1899	Dec. 23	Sumner	Pittsburgh & Erie Coal Co.	Sumner	-	-	-	5	-	-	-
1901	June 10	Port Royal No. 2	Pittsburgh Coal Co.	Port Royal	-	-	-	19	-	-	-
1902	Mar. 6	Catsburg	Monongahela River Consolidated Coal & Coke Co.	Monongahela	-	-	-	19	-	-	-
1902	July 10	Rolling Mill	Cambria Steel Co.	Monongahela	-	-	-	5	-	-	-
1903	Nov. 21	Ferguson	Dunbar Furnace Co.	Johnstown	-	-	-	112	-	-	-
1904	Jan. 25	Harwick	Allegheny Coal Co.	Connellsville	-	-	-	17	-	-	-
1905	Apr. 27	Eleanora Shaft	Rochester & Pittsburgh Coal Co.	Cheswick	-	-	-	179	-	-	-
1905	July 6	Fuller	Taylor Coal Co.	DuBois	-	-	-	13	-	-	-
1905	Oct. 13	Clyde	Clyde Coal Co.	Searight	-	-	-	6	-	-	-
1905	Oct. 29	Hazel Kirk No. 2	Pittsburgh & Westmd. Coal Co.	Fredericktown	-	-	-	-	-	6	-
1905	Nov. 15	Braznell	Braznell Coal Co.	Monongahela	-	-	-	5	-	-	-
1906	Oct. 24	Rolling Mill	Cambria Steel Co.	Bentleyville	-	-	-	6	-	-	-
1907	Aug. 17	Sonman Shaft	Sonman Shaft Coal Co.	Johnstown	-	-	-	7	-	-	-
1907	Dec. 1	Naomi	United Coal Co.	Sonman	-	-	-	-	-	-	-
1907	Dec. 19	Darr	Pittsburgh Coal Co.	Fayette City	-	-	-	34	-	-	-
1908	Nov. 28	Rachel and Agnes	Pittsburgh-Buffalo Co.	Jacobs Creek	-	-	-	239	-	-	-
1909	Jan. 25	Orenda	Merchants Coal Co.	Marianna	-	-	-	154	-	-	-
1909	Apr. 9	Eureka No. 37 Upper	Berwind-White Coal Mining Co.	Boswell	-	-	-	5	-	-	-
1909	June 23	Lackawanna No. 4	Lackawanna Coal & Coke Co.	Windber	-	-	-	-	7	-	-
1909	Oct. 31	Franklin No. 2	Cambria Steel Co.	Wehrum	-	-	-	21	-	-	-
1910	Feb. 5	Ernest No. 2	Jefferson & Clearfield Coal & Iron Co.	Johnstown	-	-	-	13	-	-	-
1911	Mar. 22	Hazel	Pittsburgh-Buffalo Co.	Ernest	-	-	-	11	-	-	-
1911	July 15	Sykesville Shaft	Cascade Coal & Coke Co.	East Canonsburg	-	9	-	-	-	-	-
1911	Nov. 9	Adrian No. 1	Rochester & Pittsburgh Coal Co.	Sykesville	-	-	-	21	-	-	-
1913	Apr. 23	Cincinnati	Monongahela River Consolidated Coal & Coke Co.	Punxsutawney	-	-	-	8	-	-	-
				Finleyville	-	-	-	97	-	-	-

Year	Date	Mine	Operator	Location of Mine	Falls of roof	Suf- foca- tion	Mine cars	Explo- sions of gas and dust	Explo- sions of dust	Explo- sives	Mine fires	Falling down shafts
1915	May 24	Smokeless No. 1	Smokeless Coal Co.	Johnstown	-	-	-	9	-	-	-	-
1915	July 30	Patterson No. 2	United Coal Co.	Elizabeth	-	-	-	9(1)	-	-	-	-
1915	Aug. 31	Orenda No. 2	Merchants Coal Co.	Boswell	-	-	-	19	-	-	-	-
1916	Feb. 11	Ernest No. 2	Jefferson & Clearfield Coal & Iron Co.	Ernest	-	-	-	27	-	-	-	-
1916	Mar. 30	Robindale	Conemaugh Smokeless Coal Co.	Robindale	-	-	-	8	-	-	-	-
1917	Mar. 13	Henderson No. 1	Henderson Coal Co.	Montour	-	-	-	14	-	-	-	-
1918	Aug. 7	Harmar	Consumers Mining Co.	Harmarville	-	-	-	8	-	-	-	-
1920	June 2	Ontario	Ontario Gas Coal Co.	Cokeburg	-	-	-	6(2)	-	-	-	-
1920	July 19	Renton No. 3	Union Collieries Co.	Renton	-	-	-	9	-	-	-	-
1920	Aug. 9	Maryland Shaft	Maryland Coal Co. of Penna.	St. Michael	-	-	-	6	-	-	-	-
1922	Feb. 2	Gates	H. C. Frick Coke Co.	Masontown	-	-	-	25	-	-	-	-
1922	Mar. 20	Dilltown No. 1	Dilltown Smokeless Coal Co.	Dilltown	-	-	-	5	-	-	-	-
1922	Nov. 6	Reilly No. 1	Joseph H. Reilly Coal Co.	Spangler	-	-	-	77	-	-	-	-
1924	Jan. 26	Lancashire No. 18	Lancashire Coal Co.	Starford	-	-	-	36	-	-	-	-
1924	July 25	Gates No. 1	H. C. Frick Coke Co.	Masontown	-	-	-	-	10	-	-	-
1925	Apr. 26	Hutchinson	Westmoreland Coal Co.	Sewickley Township	-	-	-	5	-	-	-	-
1926	Feb. 3	Pgh. Terminal No. 4	Pittsburgh Terminal Co.	Horning	-	-	-	20	-	-	-	-
1926	Aug. 26	Clymer No. 1	Clearfield Bituminous Coal Corp.	Clymer	-	-	-	44	-	-	-	-
1927	Apr. 2	Mine No. 53	Ellsworth Collieries Co.	Cokeburg	-	-	-	-	6	-	-	-
1928	Feb. 20	Kinloch	Valley Camp Coal Co.	Parnassus	-	-	-	12(3)	-	-	-	-
1928	May 19	Mather Collieries	Pickands, Mather & Co.	Mather	-	-	-	194	-	-	-	-
1928	Aug. 9	Hillside	Tunnell Smokeless Coal Co.	Johnstown	-	-	-	5	-	-	-	-
1928	Aug. 15	Irvona No. 3	Irvona Coal & Coke Co.	Coalport	-	-	-	13	-	-	-	-
1929	Mar. 21	Kinloch	Valley Camp Coal Co.	Parnassus	-	-	-	-	46	-	-	-
1933	Sep. 11	Oakmont	Hillman Coal & Coke Co.	Barking	-	-	-	7	-	-	-	-
1937	Mar. 28	Kramer	Northwestern Mng. & Exchange Co.	DuBois	-	-	-	9	-	-	-	-
1938	Jan. 12	Harwick	Harwick Coal & Coke Co.	Harwick	-	-	-	10	-	-	-	-
1940	July 15	Souman E	Souman Shaft Coal Co.	Portage	-	-	-	63	-	-	-	-
1941	June 30	Kent No. 2	Rochester & Pittsburgh Coal Co.	McIntyre	-	-	-	7	-	-	-	-
1944	June 7	Emerald	Emerald Coal & Coke Co.	Clarksville	-	-	-	-	-	-	6	-
1945	Mar. 12	Crucible	Crucible Steel Co. of America	Grucible	-	-	-	-	-	-	-	-
1952	Feb. 2	Carpentertown	Carpentertown Coal & Coke Co.	Carpentertown	-	5	-	6	-	-	-	-
1957	Sep. 23	Marlanna No. 58	Bethlehem Mines Corp.	Marlanna	-	-	-	6	-	-	-	-
1962	Dec. 6	Robena No. 3	United States Steel Corp.	Garards Fort	-	-	-	37	-	-	-	-
1966	June 1	Dora No. 2	Doverspike Bros. Coal Co., Inc.	Dora	-	5	-	-	-	-	-	-

NOTE: July 24, 1912, 18 persons drowned by flooding of Superba No. 2 Mine, Superba Coal Company, and Lemont No. 1 Mine, H. C. Frick Coke Company, near Uniontown caused by cloudburst.

- (1) Seven men were railroad employees.
- (2) Explosion of gas in air shaft -- sinking operations.
- (3) Two men were employees of the adjoining Boyd Mine and were killed by afterdamp from this explosion. Boyd Mine, operated by W. H. Boyd Coal Company, was not under the law.

Study Of Bituminous Coal By County

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1925	11,644,959	3,126,898	80,006	452,286	298,051	9,184	1,945,287	16,656,181	916,112	1,462,529
1931	14,313,614	2,796,574	65,717	357,301	247,834	5,287	551,091	12,993,722	557,338	1,103,168
1935	13,875,787	2,269,119	63,724	396,090	205,814	23,204	659,215	12,481,977	434,178	1,191,042
1940	15,068,015	4,107,286	97,819	388,939	176,132	-	607,624	16,361,261	520,829	1,026,742
1941	16,115,371	4,742,526	929,111	474,292	183,932	-	1,046,486	18,532,935	853,406	2,131,335
1942	17,822,560	5,584,761	580,655	631,962	180,162	-	1,128,746	20,134,793	1,122,902	3,134,424
1943	17,809,317	5,261,170	405,718	629,412	114,293	-	1,140,643	18,580,712	956,460	3,480,638
1944	18,541,295	5,535,746	340,480	738,841	112,291	4,026	1,183,272	18,506,189	1,211,242	3,297,021
1945	17,551,873	6,442,928	247,206	732,797	128,407	-	1,255,504	15,941,530	1,200,115	3,188,576
1946	15,552,180	4,948,409	229,637	615,534	166,284	-	1,573,328	14,702,181	1,447,351	2,833,089
1947	18,694,593	6,180,909	434,556	950,153	234,106	5,255	1,231,896	17,070,484	1,474,594	3,447,620
1948	15,328,797	6,142,812	427,797	887,036	298,591	-	1,884,965	15,458,368	1,502,272	3,308,746
1949	10,406,079	3,700,924	318,768	383,887	323,887	7,356	1,612,142	10,767,059	973,312	2,850,897
1950	11,939,721	4,260,906	426,752	296,112	365,561	11,902	2,744,579	12,448,696	974,963	3,123,537
1951	12,033,652	4,250,454	442,148	271,377	248,175	7,240	2,156,517	13,600,973	985,554	2,539,890
1952	8,230,420	3,262,566	445,807	206,764	208,099	7,538	1,963,063	12,072,089	1,009,024	2,231,809
1953	8,402,859	3,032,509	446,156	125,310	153,258	9,301	1,999,922	11,753,135	965,155	2,080,935
1954	6,495,094	2,030,826	433,611	44,889	166,147	5,661	1,565,777	8,995,516	909,411	1,979,395
1955	7,397,643	1,940,028	513,518	115,182	200,143	3,158	1,942,912	10,725,515	1,174,981	2,339,604
1956	7,673,466	2,329,451	385,917	169,548	169,959	4,650	1,932,386	10,833,862	1,416,671	3,055,966
1957	6,920,299	2,249,350	344,911	164,590	59,329	-	1,947,166	10,532,976	1,073,493	2,823,921
1958	4,975,229	2,325,735	224,856	172,576	121,472	10,871	2,047,518	8,164,992	648,930	2,768,283
1959	4,769,780	2,662,867	259,607	176,447	79,311	6,798	1,962,372	7,250,476	747,122	3,074,851
1960	5,218,357	2,850,370	371,621	197,011	75,430	7,651	1,976,582	6,701,785	703,016	2,662,224
1961	4,766,371	3,057,094	401,357	240,027	52,459	9,420	2,046,049	6,049,334	821,078	2,953,478
1962	4,831,345	3,496,742	558,300	359,687	66,944	20,536	2,126,391	5,899,895	781,056	3,430,575
1963	4,441,892	4,221,276	374,384	181,086	13,472	25,331	1,829,844	6,971,829	831,551	3,671,092
1964	4,832,778	4,321,374	489,335	293,632	11,243	14,500	1,833,007	8,759,346	599,635	3,604,045
1965	4,821,229	4,796,855	418,943	320,100	5,564	19,616	2,158,068	8,934,538	586,907	3,168,001
1966	4,954,905	5,390,167	301,027	287,048	76,542	12,933	2,188,593	8,122,954	789,306	3,301,771
1967	4,809,304	5,837,077	158,869	165,668	4,529	42	1,875,675	7,768,745	738,720	2,811,133
1968	5,148,650	6,660,871	120,060	85,735	3,037	100	1,787,277	7,797,236	709,003	2,891,176
1969	4,807,501	7,390,314	266,831	16,635	2,212	300	2,014,274	7,077,905	1,051,051	3,782,727
1970	4,609,117	7,746,115	218,489	18,750	710	161	1,953,395	6,482,454	1,322,463	4,374,938
1971	3,872,911	7,231,833	243,874	4,765	-	119	1,706,652	6,213,662	1,190,478	4,521,295
1972	4,484,168	7,704,610	193,944	1,053	73,220	-	1,493,362	7,646,786	1,086,947	4,427,787
1973	4,275,264	6,821,992	138,000	875	57,373	40	1,139,923	7,718,997	946,103	5,168,776
1974	3,660,230	6,727,316	206,273	53,113	1,977	42	1,559,428	7,676,184	1,001,906	5,063,688
1975	4,076,267	7,217,444	187,190	76,150	20,236	149	1,319,941	8,505,527	1,336,626	5,407,422
1976	3,924,551	7,727,401	188,102	104,256	1,088	50	1,325,729	7,884,333	1,214,941	5,197,011
1977	3,621,140	7,504,209	201,208	162,933	31,135	-	1,586,579	6,761,567	1,268,200	5,784,648
Total Production (net tons)										

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1978	2,719,436	6,424,400	272,746	115,588	33,118	-	2,013,144	5,834,869	1,147,467	5,827,777
Total Production (net tons)										
1925	16,406	4,952	147	1,079	531	25	2,543	21,568	1,556	2,324
1931	13,638	3,926	119	727	590	12	1,484	18,259	1,256	1,428
1935	16,057	3,940	202	876	525	26	1,270	20,205	994	2,184
1940	12,350	4,071	246	694	441	-	1,172	20,708	1,033	1,406
1941	13,648	4,603	542	843	321	-	1,218	20,091	1,184	1,702
1942	12,281	4,171	509	771	244	-	1,041	18,376	1,237	1,792
1943	10,770	3,675	274	632	176	-	1,024	16,491	847	1,762
1944	10,346	3,600	290	877	135	13	945	15,009	984	1,700
1945	10,484	4,577	248	697	135	-	965	14,602	987	1,525
1946	10,773	3,973	252	764	173	-	1,259	16,168	1,673	1,673
1947	11,112	4,441	309	1,012	182	6	1,438	16,655	1,106	1,742
1948	11,065	4,473	287	909	221	-	1,241	16,626	1,060	1,918
1949	9,887	3,758	231	623	244	4	1,001	15,627	979	1,918
1950	9,343	3,552	247	490	242	7	1,351	13,970	763	1,882
1951	8,554	2,888	239	367	169	7	1,246	13,275	691	1,175
1952	7,184	2,078	191	327	168	5	1,044	12,172	590	975
1953	5,816	1,969	198	271	136	6	968	10,913	505	790
1954	4,496	1,638	255	142	139	4	826	9,067	460	944
1955	4,004	1,324	250	188	200	5	858	8,649	541	857
1956	4,059	1,399	255	231	165	3	759	8,536	468	916
1957	3,669	1,407	213	244	67	-	767	8,369	451	942
1958	2,984	1,370	149	251	77	4	804	7,360	386	838
1959	2,626	1,195	120	220	63	4	697	6,000	389	853
1960	2,602	1,204	131	187	53	4	636	4,824	311	818
1961	2,168	1,241	152	198	47	6	676	4,317	303	715
1962	1,914	1,225	142	173	48	7	570	3,805	291	758
1963	1,546	1,256	119	168	25	7	572	3,719	309	768
1964	1,458	1,316	151	132	27	8	493	3,834	241	738
1965	1,228	1,234	132	124	14	9	493	3,759	298	654
1966	1,349	1,344	84	95	53	9	519	3,588	211	472
1967	1,416	1,430	44	73	8	2	471	3,403	210	552
1968	1,384	1,424	59	40	6	2	488	3,249	189	579
1969	1,296	1,639	84	17	6	2	475	3,134	283	570
1970	1,315	1,865	82	17	6	2	485	3,122	288	706
1971	1,327	2,126	86	17	-	2	512	3,577	371	802
1972	1,457	1,841	85	5	14	-	465	3,955	303	690
1973	1,510	1,799	71	5	8	1	441	4,149	288	841
1974	1,534	1,856	121	19	5	1	487	4,401	329	872
1975	1,806	2,139	137	21	16	1	527	5,009	438	1,133
1976	1,973	2,225	160	69	9	1	518	5,346	455	1,205
1977	2,024	2,382	66	50	20	2	598	5,479	455	1,296
1978	2,019	2,380	89	65	17	2	688	5,084	484	1,220

Employees

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERT	CENTRE	CLARTON
1925	167	169	209	135	185	272	225	199	167	203
1931	208	144	193	128	193	195	125	162	134	219
1935	200	134	156	158	155	256	156	175	163	174
1940	220	223	220	167	181	-	177	202	188	208
1941	222	216	234	186	209	-	225	223	202	206
1942	272	220	236	240	245	-	242	213	248	248
1943	272	265	286	264	208	-	248	260	333	256
1944	292	282	292	254	289	71	262	290	248	265
1945	264	254	251	260	278	-	256	258	242	256
1946	174	193	245	201	200	-	213	201	181	221
1947	254	210	213	142	194	133	236	155	203	198
1948	210	208	226	148	205	-	230	141	215	172
1949	163	136	230	108	161	200	192	154	151	179
1950	183	147	214	100	124	183	201	167	171	168
1951	216	226	249	113	124	159	230	158	219	216
1952	176	237	205	97	191	232	210	253	214	254
1953	222	237	225	71	173	155	206	166	191	263
1954	222	188	212	63	149	177	236	153	197	254
1955	232	209	238	147	205	65	328	208	219	240
1956	216	184	195	167	235	144	224	206	238	249
1957	206	174	202	180	213	-	217	201	231	255
1958	183	176	158	170	244	244	211	161	224	243
1959	172	188	204	185	240	215	213	151	223	259
1960	169	205	188	189	222	240	205	173	224	256
1961	173	197	231	200	227	268	209	175	234	260
1962	175	206	247	215	220	205	230	165	229	260
1963	184	210	207	203	185	224	209	188	227	268
1964	220	189	207	243	160	185	229	223	266	277
1965	218	207	224	216	145	239	271	236	199	247
1966	219	208	171	245	259	182	247	239	230	260
1967	201	209	233	212	176	50	247	228	231	261
1968	216	211	226	226	229	50	239	236	207	282
1969	239	207	227	184	184	60	218	233	224	280
1970	234	217	201	178	37	80	230	237	245	242
1971	212	178	188	89	-	49	211	208	206	223
1972	241	220	214	74	228	-	188	254	220	260
1973	239	215	230	50	245	79	162	247	223	211
1974	230	205	235	158	252	60	192	220	227	272
1975	248	233	235	242	121	69	243	242	234	248
1976	230	233	243	146	221	28	250	232	236	296
1977	224	209	217	222	142	69	217	180	220	288
1978	183	181	226	203	161	279	212	170	182	243

Average
Days
Worked

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1925	22	6	-	1	2	-	3	50	2	2
1931	29	5	-	3	1	-	2	31	-	-
1935	25	6	-	1	-	-	1	26	1	1
1940	21	2	-	1	-	-	-	84	-	3
1941	28	-	-	-	1	-	2	29	-	-
1942	18	5	-	1	-	-	3	29	2	2
1943	21	9	-	1	1	-	3	26	2	3
1944	18	4	-	-	-	-	4	29	1	7
1945	16	9	2	2	1	-	-	19	-	2
1946	9	7	-	-	-	-	-	15	1	-
1947	17	10	-	1	-	-	2	19	-	3
1948	19	10	-	-	-	-	-	14	2	1
1949	8	6	-	1	-	-	-	12	-	1
1950	9	5	-	-	1	-	2	14	-	1
1951	6	2	1	-	1	-	-	9	-	1
1952	1	1	-	-	-	-	2	15	-	-
1953	11	4	1	-	1	-	-	7	-	1
1954	4	-	-	-	-	-	1	6	2	-
1955	7	2	-	1	-	-	-	4	1	-
1956	7	-	-	-	-	-	-	9	-	-
1957	3	2	-	-	-	-	1	9	-	1
1958	2	-	3	1	-	-	-	2	-	-
1959	3	2	-	-	-	-	-	3	-	3
1960	2	3	-	1	-	-	1	6	-	-
1961	1	3	-	-	-	-	-	2	-	-
1962	2	2	-	-	-	-	-	4	-	-
1963	-	3	-	-	-	-	-	1	-	-
1964	1	1	-	-	-	-	-	2	-	1
1965	-	5	-	1	-	-	2	5	-	-
1966	1	2	-	1	-	-	2	5	-	-
1967	1	1	-	-	-	-	3	1	-	-
1968	2	4	-	-	-	-	-	5	1	1
1969	-	2	-	-	-	-	2	4	1	2
1970	6	-	-	-	-	-	2	4	1	1
1971	1	6	-	-	-	-	-	1	-	1
1972	-	2	-	-	-	-	-	2	-	-
1973	1	-	-	-	-	-	-	2	-	-
1974	-	2	-	-	-	-	-	3	2	1
1975	2	4	-	-	-	-	-	1	-	-
1976	4	1	-	-	-	-	-	4	1	-
1977	1	-	-	-	-	-	-	1	-	-
1978	1	1	-	-	-	-	-	1	-	-

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1925	2,739,492	836,966	30,686	146,021	98,351	6,800	572,067	4,281,947	259,551	471,419
1931	2,830,946	546,947	23,788	93,108	113,640	2,340	185,859	2,961,989	168,577	312,950
1935	3,196,377	529,405	33,414	138,142	81,133	6,644	198,970	3,535,388	162,050	379,818
1940	2,712,314	911,003	54,146	116,005	79,766	-	206,718	4,164,101	194,729	292,192
1941	3,035,805	992,304	126,966	156,624	66,949	-	396,991	4,475,079	239,537	351,408
1942	3,398,413	879,294	120,354	185,618	59,969	-	256,643	4,603,324	263,918	445,173
1943	2,939,490	974,821	78,582	167,072	36,728	-	254,463	4,296,233	282,800	452,155
1944	3,017,499	1,016,565	84,893	222,445	39,087	923	247,438	4,351,763	244,290	449,925
1945	2,769,066	1,161,389	62,132	181,248	37,511	-	246,791	3,771,209	239,142	390,835
1946	2,240,959	766,782	61,694	153,718	34,562	-	268,144	3,248,093	210,995	370,467
1947	2,832,514	936,501	65,862	143,963	35,471	796	338,166	2,586,437	223,423	344,762
1948	2,322,485	930,729	64,818	134,399	45,241	-	285,601	2,342,177	227,617	330,874
1949	1,607,813	513,079	53,159	67,311	39,377	800	192,543	2,403,144	147,879	320,723
1950	1,712,076	525,437	52,830	45,463	30,039	1,284	272,570	2,340,880	130,717	315,742
1951	1,851,331	653,916	59,548	31,810	38,181	1,114	287,536	2,092,458	151,624	253,989
1952	1,266,219	492,407	39,204	31,750	32,015	1,160	220,158	1,857,245	126,128	247,979
1953	1,292,748	466,540	44,616	19,278	23,578	930	199,992	1,808,175	96,515	208,093
1954	999,245	312,434	54,201	8,977	20,768	709	195,722	1,383,925	90,941	247,424
1955	927,378	276,803	59,419	27,641	40,951	325	281,529	1,799,684	118,280	205,869
1956	878,753	257,956	49,755	38,501	38,796	432	170,161	1,756,119	111,527	228,189
1957	756,358	244,903	42,923	43,936	14,275	-	166,500	1,680,143	104,115	240,606
1958	546,283	240,640	23,485	42,715	18,798	976	169,628	1,184,022	86,522	204,209
1959	452,650	224,278	24,442	40,679	15,607	860	149,037	906,234	86,629	220,712
1960	439,955	246,926	24,684	35,385	11,782	960	130,560	835,687	69,770	209,790
1961	376,124	244,333	35,113	39,539	10,661	1,608	141,482	756,822	70,822	185,674
1962	334,863	251,881	35,029	37,249	10,545	1,434	130,923	627,979	65,956	197,013
1963	284,733	263,366	24,526	34,055	4,636	1,470	119,334	697,413	205,687	205,687
1964	320,707	249,242	31,241	32,125	4,323	1,580	113,007	854,966	64,123	204,442
1965	267,360	255,024	29,741	26,741	2,028	2,156	133,868	887,077	59,381	161,374
1966	295,373	279,838	14,404	23,352	13,746	1,639	128,163	857,006	48,505	122,874
1967	284,978	298,417	10,254	15,483	1,412	50	116,474	777,697	48,629	144,324
1968	298,876	301,200	12,595	9,041	1,412	100	116,495	767,133	39,220	163,152
1969	309,876	339,100	19,082	2,886	1,372	120	103,533	734,321	63,558	159,380
1970	308,456	404,727	16,484	3,027	222	80	111,699	740,652	70,694	171,103
1971	282,452	379,366	16,177	1,514	98	108,165	108,165	745,573	76,450	178,981
1972	351,025	404,324	18,153	373	3,192	-	87,560	1,002,863	66,598	179,610
1973	360,874	386,065	16,311	252	1,960	79	71,376	997,124	64,195	177,566
1974	354,197	380,723	28,470	3,019	1,260	60	93,582	969,270	74,822	237,771
1975	449,332	500,118	32,198	5,094	1,936	69	128,367	1,212,872	102,557	282,065
1976	454,553	519,571	38,922	10,131	1,989	28	129,980	1,240,421	107,411	356,757
1977	453,274	497,120	14,298	11,100	2,840	138	129,658	984,753	100,141	373,215
1978	369,126	431,390	20,079	13,211	2,744	558	145,620	864,288	88,284	362,317

Man-Days

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1925	529,316	521,150	-	452,286	149,026	-	648,429	333,124	458,056	731,265
1931	493,573	559,315	-	119,100	247,834	-	325,546	419,152	-	-
1935	555,031	378,186	-	396,090	-	-	655,215	480,076	-	1,191,042
1940	717,525	2,053,643	-	388,939	-	-	-	194,777	-	342,247
1941	575,549	-	-	-	-	-	-	639,067	-	-
1942	990,142	1,116,952	-	631,962	183,932	-	523,243	694,303	561,451	1,567,212
1943	848,063	584,574	-	629,412	114,191	-	376,249	714,643	478,230	1,160,213
1944	1,030,072	1,383,936	-	-	-	-	1,140,643	638,144	1,211,242	471,003
1945	1,096,992	715,881	123,603	366,398	128,407	-	295,818	839,028	-	1,594,288
1946	1,728,020	706,915	-	-	-	-	-	980,145	1,447,351	-
1947	1,099,682	618,091	-	950,153	-	-	-	898,447	-	1,149,206
1948	806,779	614,281	-	-	-	-	1,115,948	1,104,169	751,136	3,308,746
1949	1,300,760	616,821	-	331,041	-	-	-	897,255	-	2,850,897
1950	1,326,636	852,181	-	-	365,561	-	1,372,289	889,193	-	3,123,537
1951	2,005,609	2,125,227	442,148	-	248,175	-	1,511,219	1,511,219	-	2,539,890
1952	8,230,420	3,262,566	-	-	-	-	981,531	804,806	-	-
1953	763,127	758,127	446,156	-	153,258	-	1,565,777	1,679,019	454,705	2,080,935
1954	1,623,773	-	-	-	-	-	-	1,499,253	-	-
1955	1,056,806	970,014	-	115,182	-	-	-	2,681,379	1,174,981	-
1956	1,096,209	-	-	-	-	-	-	1,203,762	-	-
1957	2,306,766	1,124,675	-	-	-	-	1,947,166	1,170,331	-	2,823,921
1958	2,487,614	-	74,952	172,576	-	-	-	4,082,496	-	-
1959	1,589,927	1,331,433	-	-	-	-	-	2,416,825	-	-
1960	2,609,178	950,123	-	197,011	-	-	1,976,582	1,116,964	-	-
1961	4,766,371	1,091,031	-	-	-	-	-	3,024,667	-	-
1962	2,415,672	1,748,371	-	-	-	-	-	1,474,974	-	-
1963	-	1,407,092	-	-	-	-	-	6,971,829	-	-
1964	4,832,778	4,321,374	-	-	-	-	-	4,379,673	-	-
1965	-	959,371	-	320,100	-	-	1,079,534	1,786,908	-	3,168,001
1966	4,954,905	2,695,083	-	287,048	-	-	1,094,296	1,624,591	-	-
1967	4,809,304	5,837,077	-	-	-	-	625,225	7,768,754	-	-
1968	2,574,325	1,665,218	-	-	-	-	-	1,559,447	709,003	2,891,176
1969	-	3,695,157	-	-	-	-	1,007,137	1,769,476	1,051,051	1,891,363
1970	768,186	-	-	-	-	-	975,697	1,620,613	1,322,463	4,374,938
1971	3,872,911	1,205,305	-	-	-	-	-	6,213,662	-	4,521,295
1972	-	3,852,305	-	-	-	-	-	3,823,393	-	-
1973	4,275,264	-	-	-	-	-	-	3,859,498	500,953	5,063,688
1974	-	3,363,658	-	-	-	-	-	2,558,728	-	-
1975	2,038,133	1,804,361	-	-	-	-	-	8,505,527	-	-
1976	981,137	7,721,401	-	-	-	-	-	1,971,083	1,214,941	-
1977	3,621,140	-	-	-	-	-	-	6,761,567	-	-
1978	2,718,436	6,424,400	-	-	-	-	-	5,834,869	-	-

Production
Per Fatal

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	5,440,701	182,964	1,052,684	28,684,339	168,457	4,992,995	669,587	8,008,676	2,967,590	279,183
1931	3,022,139	67,081	887,802	13,933,546	148,096	3,711,042	547,495	6,626,280	1,981,360	208,713
1935	2,934,442	52,305	749,661	13,454,039	142,776	2,955,545	495,447	5,606,505	1,837,504	177,803
1940	3,048,006	31,688	741,688	22,432,309	163,381	5,310,131	500,151	6,926,530	1,763,107	253,928
1941	4,113,081	96,710	819,107	22,109,923	230,153	6,296,926	504,730	8,308,035	1,927,066	282,437
1942	4,702,159	240,314	815,156	25,465,181	255,140	7,582,079	474,627	9,390,899	2,162,615	260,637
1943	5,872,736	402,876	699,441	22,889,481	235,611	7,188,684	421,426	9,702,447	2,492,658	145,327
1944	6,396,459	223,388	636,291	22,668,263	-	8,487,776	597,400	10,769,528	2,280,442	59,350
1945	6,371,229	88,147	502,494	19,357,031	-	8,628,754	759,170	8,531,866	2,058,848	108,155
1946	6,443,667	258,764	474,828	16,496,471	-	9,125,377	808,527	8,950,655	2,563,447	95,533
1947	8,091,741	525,933	841,302	18,470,604	142,745	12,956,008	630,186	9,035,864	3,018,131	189,785
1948	8,102,562	502,740	1,043,641	15,385,038	118,858	12,458,147	390,381	8,547,988	2,724,508	238,370
1949	5,161,831	456,421	764,064	9,205,423	87,300	8,731,629	330,760	6,061,751	1,666,668	162,365
1950	6,176,963	649,337	854,824	10,079,300	111,557	10,122,459	405,282	7,809,553	2,003,302	456,943
1951	5,928,156	793,958	784,597	10,328,246	140,347	11,820,569	392,841	7,669,778	1,977,131	468,508
1952	5,781,289	617,027	589,588	7,523,581	137,614	9,592,879	268,772	6,245,535	1,560,065	262,626
1953	5,207,520	657,933	518,093	9,054,912	137,669	11,675,444	231,094	5,756,224	1,664,773	665,911
1954	4,873,992	613,606	407,599	6,442,395	81,099	9,355,074	165,615	4,884,780	1,456,451	653,216
1955	5,760,350	642,492	461,208	6,610,155	94,886	11,866,090	91,887	6,042,018	1,474,972	634,147
1956	6,634,394	531,864	421,453	5,357,333	40,529	12,423,951	149,564	7,001,596	1,678,293	914,091
1957	6,297,900	591,789	307,513	4,949,851	-	12,274,541	52,705	6,777,115	1,488,656	1,097,658
1958	5,651,550	622,294	350,750	2,908,999	-	9,751,502	58,250	5,605,795	1,381,434	1,128,623
1959	5,663,175	638,673	354,470	2,754,230	-	9,649,491	71,123	6,200,151	1,090,725	1,003,472
1960	6,289,354	479,839	302,480	2,245,909	5,162	9,966,944	58,600	5,126,721	1,147,022	942,037
1961	6,589,671	407,599	374,888	1,234,260	-	9,576,615	33,910	4,879,306	1,299,120	629,552
1962	6,556,887	407,640	475,500	1,314,657	-	9,137,326	33,070	4,822,211	1,420,926	623,644
1963	6,843,783	482,204	543,530	1,525,525	-	9,619,969	55,540	5,549,919	1,789,771	922,152
1964	6,972,466	481,046	508,790	1,872,001	-	11,575,079	69,135	5,867,107	1,884,847	812,076
1965	7,162,588	554,960	512,582	1,875,814	-	11,676,093	67,376	6,626,509	1,933,709	906,147
1966	7,122,841	776,361	478,035	1,827,102	-	11,358,759	53,683	7,668,217	1,724,329	1,267,036
1967	6,887,212	926,168	330,904	1,186,650	-	11,243,302	43,943	7,622,275	1,838,560	1,064,058
1968	6,080,361	784,587	345,514	1,367,377	-	11,077,182	19,981	6,558,590	1,592,838	1,135,575
1969	5,876,819	550,808	367,786	1,387,377	7,200	11,458,458	2,673	8,021,859	1,415,933	898,738
1970	5,900,616	455,288	412,258	1,848,583	3,100	11,576,734	-	8,314,266	1,664,873	891,417
1971	6,031,346	406,445	384,656	1,494,177	2,700	8,143,725	-	7,630,251	1,387,496	742,543
1972	6,000,990	242,606	1,657,751	1,657,751	1,075	9,033,553	-	8,434,172	1,369,144	603,142
1973	6,469,050	465,957	620,896	2,100,610	-	8,667,844	-	9,032,403	1,484,613	529,696
1974	7,813,500	459,561	773,261	2,768,764	-	8,287,320	2,250	9,026,886	1,663,412	519,742
1975	7,652,563	416,768	628,270	2,804,749	1,300	8,036,652	8,425	10,211,669	2,109,747	564,223
1976	8,310,736	390,768	674,260	3,126,775	12,500	7,984,871	4,000	10,802,399	2,487,802	689,526
1977	9,299,741	538,909	783,956	3,195,658	14,200	7,083,584	4,200	10,535,246	3,221,476	783,610
1978	9,933,134	614,471	752,228	2,821,151	23,651	6,613,618	70,490	9,411,828	3,777,073	960,939

Total
Production
(net tons)

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	9,187	287	1,873	29,435	280	3,664	1,097	10,947	4,402	383
1931	5,593	135	1,487	16,291	218	3,237	993	8,016	2,479	421
1935	6,058	134	1,251	16,817	258	3,492	1,061	8,343	2,954	437
1940	4,861	42	1,126	20,253	263	4,249	923	7,081	2,237	456
1941	4,983	143	1,044	22,329	241	5,034	821	7,698	2,267	427
1942	4,413	166	808	21,173	196	5,301	644	7,175	2,015	338
1943	4,687	218	657	19,944	172	5,141	530	6,717	2,000	56
1944	4,712	171	608	16,714	-	6,007	664	6,651	1,827	54
1945	4,863	99	532	15,242	-	6,646	782	6,178	1,757	36
1946	5,121	161	582	14,248	-	7,809	768	7,034	2,105	39
1947	5,703	229	708	14,098	45	9,078	603	6,993	2,260	59
1948	6,176	214	895	13,754	26	9,910	588	7,198	2,195	97
1949	5,234	290	796	12,437	22	9,543	469	6,365	1,755	76
1950	4,868	319	699	11,767	20	9,012	459	6,286	1,861	151
1951	4,439	172	551	10,628	40	8,899	429	5,603	1,670	147
1952	4,091	160	479	9,154	50	8,488	354	5,248	1,298	92
1953	3,303	251	369	8,220	55	8,005	277	4,316	1,150	161
1954	3,267	213	277	6,545	38	7,035	135	3,237	1,149	192
1955	3,278	229	290	4,763	36	6,710	107	3,499	995	173
1956	3,486	161	318	3,419	70	6,721	165	3,535	1,144	251
1957	3,330	160	254	3,151	-	6,278	77	3,734	1,073	280
1958	3,272	162	253	3,205	-	5,441	83	3,283	930	273
1959	2,796	157	237	2,130	-	5,208	95	3,199	860	235
1960	2,649	142	222	2,068	7	4,707	74	2,676	571	223
1961	2,765	136	203	1,136	-	4,335	54	2,240	691	191
1962	2,577	92	195	1,077	-	3,673	46	2,177	679	228
1963	2,481	99	170	977	-	3,712	51	2,145	635	199
1964	2,361	119	189	998	-	3,895	47	2,121	577	172
1965	2,177	89	180	1,032	-	3,627	39	2,295	577	183
1966	2,024	167	163	921	-	3,526	34	2,049	618	242
1967	1,778	148	100	773	-	3,412	16	2,164	601	220
1968	1,712	150	106	780	-	3,361	13	2,192	466	225
1969	1,465	90	97	813	2	3,490	7	2,472	441	224
1970	1,669	87	99	900	2	3,657	-	2,888	365	194
1971	1,836	92	97	913	2	3,567	-	471	3,468	152
1972	1,472	60	86	772	1	3,570	-	3,500	386	157
1973	1,454	90	108	809	-	3,602	-	3,787	337	119
1974	1,617	107	136	968	-	3,880	3	4,152	420	146
1975	1,997	112	149	1,245	2	4,270	4	5,104	528	135
1976	2,291	136	122	1,272	4	4,354	4	5,493	617	150
1977	2,534	158	133	1,400	4	4,680	9	5,646	749	130
1978	2,955	162	164	1,451	7	4,887	10	5,777	987	148

Employees

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	173	165	172	228	284	268	230	184	208	266
1931	142	209	160	156	224	195	202	165	177	205
1935	160	167	195	169	196	172	184	163	186	171
1940	190	249	217	230	209	218	197	201	194	197
1941	210	232	227	227	234	217	223	223	214	198
1942	239	265	267	272	258	259	246	270	239	233
1943	253	296	282	267	278	275	281	261	286	238
1944	257	232	291	289	-	244	272	279	253	133
1945	229	259	250	259	-	257	255	233	227	227
1946	203	194	193	249	-	225	203	206	196	207
1947	215	229	180	199	211	216	158	196	202	214
1948	199	234	177	169	305	190	101	180	188	164
1949	151	154	155	160	122	170	142	151	136	252
1950	177	165	167	175	171	174	160	185	164	202
1951	205	307	219	152	234	204	141	211	175	245
1952	217	257	176	126	165	174	117	183	175	237
1953	243	262	216	169	250	224	128	205	223	276
1954	186	192	184	151	213	205	153	232	195	227
1955	217	251	189	211	208	235	141	218	204	335
1956	205	260	183	211	64	235	168	230	210	235
1957	202	261	173	200	-	221	179	211	189	225
1958	189	251	163	169	-	178	145	190	176	268
1959	204	242	183	147	-	178	142	201	132	225
1960	216	234	179	143	38	177	162	188	204	255
1961	206	207	160	155	-	185	136	196	237	200
1962	213	243	215	164	-	186	138	196	201	193
1963	219	242	231	196	-	199	156	218	199	278
1964	221	190	218	212	-	220	159	208	221	255
1965	233	226	208	226	-	230	150	203	216	275
1966	246	239	216	212	-	228	135	229	221	249
1967	257	286	211	218	-	231	203	236	204	281
1968	262	225	243	208	-	228	271	200	274	274
1969	241	260	239	230	240	242	56	230	163	219
1970	220	260	190	220	252	250	-	222	243	217
1971	214	274	202	193	252	201	-	197	182	254
1972	240	266	203	203	234	231	-	228	191	203
1973	243	314	215	229	-	246	-	226	228	269
1974	261	245	254	221	-	231	-	205	206	245
1975	232	263	227	236	40	231	232	228	239	267
1976	228	228	238	224	223	236	115	220	219	226
1977	236	232	231	214	253	213	48	205	234	276
1978	223	235	216	191	182	189	247	176	224	262

Average
Days
Worked

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	8	-	2	78	-	15	1	19	9	1
1931	4	-	1	22	-	11	-	17	4	1
1935	4	-	-	25	1	2	-	10	1	-
1940	5	-	-	14	1	7	2	5	3	-
1941	1	-	-	25	-	6	3	20	1	-
1942	7	-	-	34	-	5	-	17	2	-
1943	4	-	-	26	-	13	1	10	1	1
1944	7	-	-	25	-	16	1	11	-	-
1945	5	1	-	25	-	11	-	7	1	-
1946	3	-	1	21	-	14	1	10	2	-
1947	6	1	-	19	-	10	-	8	5	-
1948	6	-	1	11	1	13	-	8	-	-
1949	1	-	-	11	-	5	-	5	-	-
1950	5	-	-	6	-	5	-	9	1	-
1951	2	-	1	7	-	7	-	4	2	-
1952	3	-	-	3	-	9	-	5	-	-
1953	3	-	1	5	-	12	-	4	1	-
1954	3	-	-	3	-	4	-	12	-	-
1955	2	1	-	-	-	7	-	4	2	-
1956	2	-	-	2	-	12	-	1	1	-
1957	2	-	-	5	-	8	-	4	2	-
1958	4	-	1	4	-	2	-	4	1	-
1959	2	-	1	1	-	8	-	1	1	-
1960	1	-	-	3	-	1	-	6	-	-
1961	3	-	1	2	-	4	-	3	1	-
1962	2	-	-	1	-	40	-	1	-	-
1963	1	-	1	1	-	3	-	3	-	-
1964	-	-	-	-	-	3	-	4	1	-
1965	2	-	-	-	-	5	-	2	1	-
1966	1	-	-	2	-	6	-	2	-	-
1967	4	-	-	-	-	3	-	3	5	-
1968	1	-	-	-	-	4	-	7	-	-
1969	1	-	-	-	-	4	-	3	-	-
1970	1	-	1	1	-	1	-	1	-	1
1971	2	-	-	-	-	6	-	8	1	-
1972	1	-	-	2	-	3	-	2	-	-
1973	-	-	-	-	-	3	-	1	-	-
1974	3	-	1	-	-	2	-	1	-	-
1975	2	-	-	-	-	1	-	1	-	-
1976	-	-	-	-	-	3	-	2	-	-
1977	1	-	-	1	-	1	-	4	1	-
1978	-	-	-	-	-	1	-	1	-	-

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	1,591,427	47,485	323,071	6,725,330	79,520	982,263	251,862	2,011,055	914,300	102,043
1931	791,913	28,256	237,816	2,547,128	48,832	620,627	200,862	1,325,638	439,481	86,281
1935	969,471	22,411	243,478	2,839,965	50,568	599,799	195,229	1,361,223	549,720	74,909
1940	924,961	10,498	244,799	4,648,292	54,967	927,147	182,199	1,427,093	435,055	89,649
1941	1,082,216	33,222	237,558	5,070,420	56,325	1,094,456	183,013	1,718,572	485,805	84,447
1942	1,067,479	44,098	202,739	6,298,013	50,608	1,372,961	159,001	1,937,954	482,296	81,462
1943	1,188,863	64,655	185,474	5,342,499	47,940	1,418,681	149,103	1,756,493	572,030	13,330
1944	1,214,031	39,617	176,803	4,833,127	-	1,465,868	180,824	1,857,074	461,859	7,197
1945	1,113,845	25,619	132,817	3,949,387	-	1,708,272	199,559	1,561,760	410,135	8,180
1946	1,040,676	31,193	112,212	3,055,263	-	1,759,110	155,863	1,451,436	411,562	8,072
1947	1,226,021	52,593	127,470	2,798,576	9,516	1,963,031	95,483	1,369,070	457,479	12,652
1948	1,227,661	50,274	158,127	2,331,066	7,924	1,887,598	59,149	1,295,150	412,804	15,891
1949	789,635	44,746	123,748	1,994,643	2,684	1,626,053	66,422	963,365	243,013	19,146
1950	863,989	52,432	115,683	2,061,273	3,420	1,564,345	73,655	1,182,582	305,670	30,478
1951	912,023	52,930	120,707	1,619,730	9,356	1,818,549	60,437	1,179,966	293,261	33,464
1952	886,641	41,135	84,227	1,156,039	8,295	1,475,827	41,350	960,852	227,250	21,885
1953	801,157	65,793	79,707	1,393,063	13,767	1,796,222	35,553	885,573	256,119	44,394
1954	609,249	40,907	50,950	991,138	8,110	1,439,242	20,702	751,505	224,069	43,547
1955	710,135	57,482	54,755	1,003,173	7,488	1,573,815	15,129	761,061	203,081	58,075
1956	715,570	41,921	58,265	721,624	4,480	1,576,783	27,708	813,413	240,594	58,943
1957	673,752	41,765	43,820	629,153	-	1,388,211	13,821	787,359	202,410	62,977
1958	616,410	40,694	41,323	372,752	-	969,424	12,039	625,162	163,518	73,201
1959	569,081	38,031	43,412	312,446	-	825,966	13,530	642,400	113,900	52,784
1960	571,221	33,284	39,794	295,175	269	835,198	11,998	501,996	116,556	56,921
1961	569,047	28,185	32,394	175,618	-	800,047	7,338	447,462	135,119	45,169
1962	549,824	22,359	41,925	176,932	-	681,849	6,346	427,466	136,632	43,920
1963	543,829	24,007	39,284	191,457	-	740,266	7,974	467,945	126,281	55,269
1964	521,594	22,665	41,266	211,762	-	856,155	7,476	442,336	126,218	43,841
1965	508,380	24,338	37,452	233,023	-	834,025	5,868	465,041	124,637	50,426
1966	498,630	39,943	35,169	194,892	-	805,225	4,594	469,415	136,579	60,389
1967	456,714	42,385	31,076	168,861	-	788,466	3,247	511,664	122,908	61,879
1968	447,989	33,771	25,734	162,233	-	767,400	2,218	453,888	93,036	61,764
1969	353,588	23,434	23,155	187,475	480	844,377	390	567,775	71,867	49,038
1970	366,730	22,602	18,861	198,433	320	915,813	-	641,904	88,594	42,183
1971	394,499	25,245	19,632	176,271	504	717,714	-	684,053	86,083	38,618
1972	353,755	15,943	17,488	156,475	234	827,824	-	797,497	73,681	31,873
1973	352,753	28,241	23,257	185,107	-	886,779	-	857,618	76,725	32,026
1974	422,868	26,216	34,616	214,097	-	896,963	225	853,376	86,607	35,845
1975	463,908	29,558	33,827	294,443	80	1,061,038	1,392	1,165,597	127,392	36,102
1976	524,248	29,106	285,126	285,126	892	1,027,584	461	1,212,754	135,373	33,992
1977	598,468	36,580	30,780	299,701	1,010	994,828	435	1,154,641	175,061	35,817
1978	657,554	38,078	35,416	277,133	1,274	925,958	2,468	1,015,328	240,959	38,784

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	680,088	-	526,342	367,748	-	332,866	699,587	421,509	329,732	279,183
1931	755,535	-	887,802	633,343	-	337,367	-	495,340	495,340	208,713
1935	733,611	-	-	538,162	142,776	1,477,773	247,724	560,650	1,837,504	-
1940	609,601	-	-	1,602,308	163,308	758,590	250,076	1,385,306	587,702	-
1941	4,113,081	-	-	884,397	-	1,049,488	168,243	415,402	1,927,066	-
1942	671,737	-	-	748,976	-	1,516,415	-	552,406	1,081,307	260,637
1943	1,468,184	-	-	880,364	-	552,976	421,426	970,245	2,492,658	-
1944	913,780	-	-	906,731	-	530,486	597,408	979,048	-	-
1945	1,274,246	88,147	-	774,281	-	784,432	-	1,218,835	2,058,848	-
1946	2,147,889	-	474,628	785,546	-	661,313	-	895,065	1,281,723	-
1947	1,348,623	525,933	-	972,137	-	1,295,601	808,065	1,129,483	603,626	-
1948	1,350,427	-	1,043,641	1,398,640	118,853	958,319	-	1,068,498	-	-
1949	5,161,831	-	-	836,857	-	1,746,326	-	1,212,350	-	-
1950	1,235,383	-	-	1,679,883	-	2,024,492	-	867,728	2,003,302	-
1951	2,964,078	-	784,597	1,504,035	-	1,688,653	-	1,917,444	988,565	-
1952	1,927,096	-	-	2,507,860	-	1,065,875	-	1,249,107	-	-
1953	1,735,840	-	518,093	1,810,982	-	972,954	-	1,439,056	1,644,773	-
1954	1,624,664	-	-	2,147,465	-	2,338,768	-	407,065	-	-
1955	2,880,175	642,492	-	-	-	1,695,156	-	1,510,504	737,486	-
1956	3,317,197	-	-	2,678,666	-	1,035,329	-	7,001,596	839,146	-
1957	3,148,950	-	-	989,970	-	1,534,318	-	1,694,279	1,488,656	-
1958	1,412,887	-	350,750	727,250	-	4,875,751	-	5,605,795	1,381,434	-
1959	2,831,587	-	354,470	2,754,230	-	1,206,186	-	1,033,358	-	-
1960	6,289,354	-	-	748,636	-	9,966,944	-	1,708,907	1,147,022	-
1961	2,195,224	-	374,888	617,130	-	2,394,154	-	4,879,306	-	-
1962	3,278,443	-	-	1,314,657	-	228,433	-	1,607,404	-	-
1963	6,843,783	-	543,530	1,525,525	-	3,206,656	-	1,387,480	1,789,771	-
1964	-	-	-	-	-	2,315,016	-	2,933,553	1,884,847	-
1965	3,581,294	-	-	-	-	1,946,015	-	3,313,254	-	-
1966	7,227,841	-	-	781,051	-	3,786,253	-	2,556,072	344,866	-
1967	1,721,803	-	-	-	-	3,747,767	-	1,088,896	-	-
1968	6,080,361	-	-	-	-	2,769,295	-	2,186,197	-	-
1969	5,876,819	-	-	1,387,377	-	11,458,458	-	8,021,859	-	-
1970	5,900,616	-	412,258	1,848,583	-	11,576,734	-	1,662,853	-	-
1971	2,912,942	-	-	-	-	1,357,287	-	1,064,092	1,387,496	-
1972	6,000,990	-	-	828,875	-	3,011,184	-	4,217,086	-	-
1973	-	-	-	-	-	9,033,922	-	9,032,403	-	-
1974	2,604,500	-	773,261	-	-	8,287,320	-	9,026,886	-	-
1975	3,826,281	-	-	-	-	8,036,652	-	5,105,834	-	-
1976	-	-	-	-	-	2,661,623	-	2,700,599	-	-
1977	9,299,741	-	-	3,195,658	-	7,083,584	-	10,535,246	3,221,476	-
1978	-	-	-	-	-	6,613,618	-	4,849,462	-	-

Production
Per Fatal

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	23,919	279,087	-	9,629,892	144,680	8,197	15,421,542	20,720,626	135,266,612
1931	25,040	211,347	-	7,306,313	190,114	2,600	13,640,250	11,243,386	96,844,250
1935	58,616	324,260	-	5,675,139	177,096	6,064	15,890,388	8,989,269	91,140,273
1940	63,653	140,010	13,264	4,839,036	190,597	28,621	17,872,551	8,756,882	111,416,916
1941	64,848	428,239	-	6,137,729	319,083	29,400	19,916,404	10,875,964	127,469,207
1942	64,945	491,923	-	6,938,898	358,801	20,770	20,661,070	12,567,665	142,759,573
1943	51,237	418,298	2,116	7,613,273	302,284	48,671	20,311,505	12,622,983	139,801,363
1944	634,332	-	-	8,236,565	268,177	45,859	21,129,326	12,456,807	144,408,418
1945	43,840	528,137	-	7,594,495	213,090	40,291	18,152,651	13,069,854	11,009,275
1946	49,215	401,030	40,938	6,663,474	156,632	120,696	18,984,071	9,747,937	123,587,065
1947	32,562	353,523	1,404	8,027,289	173,291	250,391	21,409,249	9,882,492	144,761,964
1948	25,070	389,800	5,596	7,544,388	204,748	448,818	18,245,125	8,993,487	130,627,789
1949	25,741	406,073	23,960	4,961,339	141,782	152,373	12,484,414	5,223,834	87,351,892
1950	33,174	508,342	64,723	5,901,852	149,224	541,011	14,744,761	6,131,999	103,439,887
1951	35,754	495,526	81,307	6,513,342	138,117	437,099	16,106,865	5,759,410	106,680,097
1952	27,034	534,666	43,847	4,982,002	162,761	447,516	13,656,583	5,252,229	87,308,999
1953	23,089	559,100	82,210	3,961,378	68,879	596,684	16,838,775	5,218,092	91,938,156
1954	36,026	638,686	93,101	2,264,833	55,289	522,403	12,838,740	2,754,921	70,823,985
1955	48,423	653,085	109,930	3,479,806	81,793	701,720	15,921,185	3,932,005	85,042,677
1956	56,961	503,292	103,864	4,273,532	94,476	841,490	15,014,199	4,505,410	88,595,658
1957	85,609	508,297	41,887	3,827,771	265,242	798,054	13,783,986	4,737,250	84,064,493
1958	63,141	607,524	47,432	2,667,943	296,764	634,182	10,575,312	3,557,895	67,398,564
1959	57,178	525,453	42,128	2,211,735	211,027	607,707	10,069,016	3,436,571	65,627,585
1960	60,354	692,342	32,030	2,181,308	242,375	676,517	10,913,281	3,362,099	65,595,999
1961	58,611	872,960	5,940	2,215,649	223,023	612,110	10,359,035	3,347,734	63,171,313
1962	38,770	1,045,879	2,185	2,702,986	233,863	506,077	10,945,366	3,730,800	65,648,015
1963	29,302	711,921	4,370	3,164,518	306,465	898,095	12,146,067	3,898,862	71,258,957
1964	71,207	595,667	21,700	3,409,154	260,424	487,329	13,477,843	4,145,711	77,321,793
1965	136,828	552,103	15,983	3,502,211	435,321	400,056	14,220,440	4,305,247	80,119,548
1966	102,540	423,963	24,662	3,959,415	508,108	493,777	14,145,130	4,250,423	81,449,647
1967	88,035	308,627	-	4,017,512	517,683	521,397	14,778,358	3,556,939	79,101,385
1968	184,375	-	-	3,996,349	578,613	439,283	13,593,120	2,952,224	75,714,611
1969	49,598	183,512	-	4,033,778	618,822	549,365	13,761,402	2,591,158	78,185,036
1970	60,708	208,462	-	3,730,159	747,946	464,719	14,461,604	2,626,597	80,091,922
1971	83,372	380,738	-	3,911,875	873,239	378,119	12,545,703	2,394,707	71,776,681
1972	104,896	364,478	-	3,591,444	618,596	358,182	13,670,704	2,340,787	75,863,137
1973	132,315	241,504	-	4,437,917	575,992	440,928	13,435,704	1,894,089	76,796,661
1974	457,239	312,871	-	5,487,094	426,534	494,903	13,083,000	2,605,697	80,042,191
1975	436,508	381,138	-	5,860,115	541,895	451,998	13,412,910	2,813,149	84,479,031
1976	490,197	399,737	-	6,386,533	629,653	540,563	12,445,824	2,804,263	85,747,874
1977	480,573	365,249	-	7,085,981	681,209	869,850	11,194,120	3,382,695	86,421,876
1978	321,341	371,544	-	6,275,666	588,296	1,428,655	9,447,265	2,544,018	80,342,913

Total
Production
(net tons)

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	100	443	-	10,626	698	19	20,768	20,246	165,586
1931	72	423	-	9,607	519	6	15,002	13,327	119,265
1935	167	623	43	8,866	557	25	19,336	12,663	129,346
1940	168	267	-	6,864	365	55	17,529	8,994	117,832
1941	119	366	-	7,285	472	44	17,745	9,771	124,941
1942	94	294	16	6,620	325	35	15,993	9,423	115,451
1943	49	295	7	6,558	252	22	13,968	8,976	105,903
1944	44	245	-	6,139	248	16	13,844	8,094	99,942
1945	47	217	26	6,050	225	17	13,518	8,304	98,764
1946	43	251	22	6,453	229	61	14,753	8,009	103,894
1947	48	209	4	6,984	189	70	15,514	8,400	109,202
1948	35	264	4	7,080	208	57	15,834	7,981	110,326
1949	25	191	19	6,538	189	52	15,047	6,894	100,119
1950	19	320	19	6,309	156	91	14,348	5,919	94,514
1951	18	334	24	5,784	129	73	13,336	5,444	86,369
1952	19	287	29	5,159	130	108	11,871	4,906	76,676
1953	15	284	31	4,340	63	176	12,056	4,470	69,126
1954	32	230	31	2,863	57	154	9,419	2,522	55,405
1955	31	220	36	3,584	66	187	8,081	2,918	52,103
1956	39	289	37	3,583	84	170	7,726	2,725	50,529
1957	43	172	17	3,211	116	144	6,424	2,364	46,989
1958	42	190	14	2,417	126	172	6,070	2,116	41,309
1959	36	168	17	2,148	107	159	5,660	1,921	37,337
1960	40	183	7	1,736	106	116	5,294	1,771	33,396
1961	34	206	3	1,607	86	98	4,371	1,633	29,633
1962	25	197	13	1,539	83	99	4,160	1,449	27,264
1963	19	140	19	1,464	79	148	3,963	1,411	26,216
1964	21	119	11	1,365	89	116	3,990	1,411	26,008
-1965	23	115	36	1,372	87	95	4,044	1,280	25,206
1966	25	118	20	1,305	80	104	4,381	1,228	24,729
1967	26	78	-	1,209	91	114	4,379	1,093	23,811
1968	20	39	-	1,202	100	84	4,356	891	23,117
1969	11	43	-	1,191	119	126	4,115	737	22,969
1970	17	41	-	1,347	112	85	4,481	835	24,667
1971	21	56	-	1,338	139	98	4,611	868	26,549
1972	16	40	-	1,240	86	71	4,516	839	25,627
1973	32	41	-	1,418	105	69	4,810	828	26,722
1974	67	31	-	1,654	98	64	5,244	896	29,108
1975	80	43	-	2,356	43	77	5,849	916	34,170
1976	98	57	-	2,744	111	93	5,734	999	36,240
1977	64	62	-	3,120	143	130	5,944	1,029	38,307
1978	57	70	-	3,246	144	206	5,987	924	39,230

Employees

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	229	230	-	221	75	225	170	228	200
1931	237	184	-	164	167	98	177	168	170
1935	219	200	205	180	159	156	207	168	179
1940	234	188	-	234	169	216	229	212	213
1941	215	237	-	219	194	229	222	237	223
1942	262	260	189	225	225	223	244	234	254
1943	239	203	71	269	253	240	271	257	266
1944	271	272	-	282	261	304	291	266	280
1945	271	257	200	265	280	265	225	225	255
1946	165	195	203	203	189	124	218	202	208
1947	103	256	53	174	138	238	209	178	220
1948	109	224	212	161	149	225	175	171	202
1949	238	237	118	146	132	242	159	171	154
1950	216	195	196	166	217	225	172	183	193
1951	264	228	226	173	165	299	186	168	186
1952	177	207	168	149	74	295	168	165	168
1953	236	197	265	140	168	226	215	180	198
1954	173	185	200	121	149	226	210	168	197
1955	236	339	296	171	213	337	233	186	219
1956	240	183	286	193	193	252	212	198	213
1957	270	255	228	173	243	259	210	200	205
1958	219	240	238	145	246	217	177	164	178
1959	239	264	223	130	182	221	256	170	173
1960	176	252	168	148	210	237	186	171	183
1961	177	241	27	151	199	269	197	176	189
1962	154	259	166	155	213	242	193	196	191
1963	183	265	149	175	249	281	213	208	206
1964	227	238	157	179	199	207	231	205	218
1965	245	240	60	195	253	223	235	223	225
1966	202	273	66	208	234	286	227	214	228
1967	215	219	-	226	254	264	231	190	229
1968	196	196	-	226	271	236	215	211	225
1969	289	251	-	220	286	239	239	230	233
1970	320	253	-	208	321	279	242	224	245
1971	326	233	-	201	242	185	208	215	204
1972	295	298	-	223	259	243	237	230	233
1973	288	263	-	236	257	219	250	188	235
1974	253	272	-	229	229	245	234	201	225
1975	254	255	-	236	255	254	241	251	238
1976	294	226	-	228	253	229	241	221	233
1977	300	286	-	212	274	265	211	213	213
1978	277	290	-	186	281	255	180	173	191

Average
Days
Worked

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	-	-	-	19	-	-	30	42	312
1931	-	-	-	21	2	-	34	20	208
1935	-	1	-	13	-	-	23	19	161
1940	-	-	-	8	2	-	22	8	188
1941	-	1	-	5	1	-	18	25	166
1942	-	-	-	9	-	-	29	23	187
1943	1	1	-	10	-	-	28	19	178
1944	-	2	-	7	2	-	16	14	164
1945	-	-	-	1	-	-	23	16	141
1946	-	-	-	10	-	-	21	13	128
1947	-	1	-	7	-	-	16	9	134
1948	-	1	-	5	-	-	17	5	114
1949	-	1	-	4	-	-	5	5	65
1950	-	-	-	2	-	-	13	10	83
1951	-	-	-	5	-	-	15	7	70
1952	-	-	-	4	-	-	7	13	63
1953	-	1	-	3	-	-	8	4	67
1954	-	-	-	1	-	-	6	2	44
1955	1	-	-	3	-	-	6	2	50
1956	-	-	-	4	-	-	11	1	51
1957	-	-	-	1	-	1	12	3	53
1958	-	-	-	2	-	-	6	3	32
1959	-	-	-	1	-	-	3	2	35
1960	-	-	-	2	-	-	2	-	26
1961	-	-	-	2	-	-	3	-	22
1962	-	-	-	1	-	-	3	1	59
1963	-	-	-	-	-	-	4	2	21
1964	-	1	-	1	-	-	3	2	18
1965	-	-	-	-	-	-	7	2	33
1966	-	1	-	1	-	-	2	-	28
1967	-	-	-	1	-	-	4	2	27
1968	-	-	-	-	-	-	7	1	29
1969	-	-	-	3	-	-	5	1	25
1970	-	-	-	2	-	-	4	1	30
1971	-	-	-	1	-	-	3	2	32
1972	-	-	-	2	-	-	4	1	19
1973	-	-	-	6	-	-	5	-	17
1974	-	-	-	1	-	-	5	-	20
1975	-	-	-	1	1	-	3	-	17
1976	-	-	-	1	-	-	1	-	19
1977	-	-	-	1	1	-	3	-	12
1978	-	-	-	1	-	-	-	-	7

Fetal-
ities

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	22,850	101,947	-	2,344,941	52,444	4,275	3,536,159	4,607,224	33,141,496
1931	17,064	77,955	-	1,578,575	86,757	588	2,658,486	2,239,948	20,226,348
1935	36,615	124,902	8,800	1,588,376	88,593	3,900	3,997,248	2,122,995	23,139,543
1940	34,596	50,107	-	1,239,740	61,860	11,909	4,018,927	1,903,517	24,996,290
1941	25,539	86,842	-	1,594,641	91,734	10,996	3,946,014	2,316,383	27,958,946
1942	24,606	78,300	3,024	1,588,509	73,357	7,825	3,912,695	2,213,454	29,811,087
1943	11,733	60,148	500	1,762,100	63,777	5,293	3,795,408	2,312,450	28,233,049
1944	11,908	66,847	-	1,728,431	64,812	4,863	4,027,095	2,150,936	27,967,520
1945	12,726	55,795	5,200	1,602,686	63,001	3,474	3,581,816	1,870,642	25,165,237
1946	11,399	48,970	4,456	1,311,112	43,332	7,549	3,219,689	1,020,664	21,048,972
1947	4,934	53,564	213	1,216,256	26,256	16,893	3,243,826	1,497,347	21,679,669
1948	3,798	59,061	848	1,143,089	31,022	12,923	2,764,413	1,362,650	19,509,263
1949	5,950	45,209	2,245	1,951,366	24,895	12,608	2,392,385	980,164	15,642,145
1950	4,112	62,240	3,727	1,068,617	33,819	20,476	2,463,502	1,110,737	16,417,442
1951	4,767	76,234	5,420	1,002,053	21,249	21,855	2,477,979	886,064	16,036,009
1952	3,379	59,407	4,872	766,472	9,656	31,734	1,999,967	808,036	12,906,961
1953	3,552	55,910	8,221	609,443	10,597	39,779	2,590,581	802,783	13,656,135
1954	5,542	42,579	6,206	348,436	8,506	34,826	1,975,191	423,834	10,342,874
1955	7,307	74,580	10,652	614,482	14,046	63,107	1,886,560	541,990	11,401,377
1956	9,376	52,916	10,594	654,496	16,194	42,801	1,639,999	538,348	10,757,603
1957	11,599	43,900	3,880	555,835	28,237	37,346	1,347,653	473,330	9,646,511
1958	9,226	45,538	3,332	349,260	31,065	37,555	1,075,914	347,233	7,339,300
1959	8,622	44,327	3,799	278,957	19,483	35,123	885,253	325,874	6,442,554
1960	7,035	46,202	1,179	256,391	22,292	27,440	984,439	303,676	6,124,070
1961	6,034	49,686	81	241,953	17,146	26,342	862,489	286,672	5,598,006
1962	3,856	51,113	2,158	238,131	17,708	23,910	802,853	283,939	5,209,651
1963	3,481	37,078	2,826	256,771	19,645	41,535	845,416	294,192	5,407,629
1964	4,775	28,337	1,727	244,780	17,760	24,767	921,735	288,907	5,684,778
1965	5,641	27,573	2,178	268,115	22,035	21,998	952,692	266,404	5,674,572
1966	5,057	32,177	1,320	271,061	18,707	29,767	996,318	263,037	5,647,153
1967	5,624	17,055	-	273,207	23,131	30,110	1,011,991	208,270	5,444,286
1968	3,921	7,641	-	272,013	27,100	19,815	938,643	187,830	5,214,180
1969	3,303	10,780	-	262,607	34,018	26,294	985,628	169,676	5,346,845
1970	5,436	10,374	-	281,011	35,999	33,288	1,127,035	187,259	5,793,426
1971	4,756	13,051	-	270,015	33,726	18,160	959,108	187,033	5,417,244
1972	4,713	11,922	-	276,729	22,241	17,227	1,069,446	193,141	5,983,887
1973	8,579	10,767	-	339,191	27,004	15,335	1,201,858	156,025	6,276,867
1974	17,003	8,459	-	379,344	22,530	15,720	1,228,497	180,173	6,565,713
1975	20,341	11,002	-	556,952	19,406	19,596	1,413,020	194,143	8,162,405
1976	28,813	12,887	-	626,750	18,406	21,303	1,386,927	220,779	8,466,001
1977	19,231	17,755	-	660,526	39,203	34,479	1,255,392	219,576	8,140,020
1978	15,819	17,381	-	603,367	38,746	52,571	1,078,549	159,712	7,476,714

Man-Days

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	-	-	-	506,836	-	-	514,051	493,348	433,547
1931	-	-	-	347,920	95,057	-	401,184	562,169	465,597
1935	-	324,260	-	436,549	-	-	690,886	473,119	566,089
1940	-	-	-	604,880	95,299	-	812,389	1,094,610	592,643
1941	-	428,239	-	1,227,546	319,083	-	1,106,467	435,039	767,887
1942	-	-	-	770,989	-	-	712,451	546,420	763,420
1943	51,237	418,298	-	761,327	-	-	725,410	664,368	785,401
1944	-	317,166	-	1,176,652	134,088	-	1,320,583	889,772	880,539
1945	-	-	-	7,594,498	-	-	789,246	688,080	926,928
1946	-	-	-	666,347	-	-	904,003	749,841	965,524
1947	-	353,523	-	1,146,756	-	-	1,338,078	1,098,055	1,080,313
1948	-	389,800	-	1,508,878	-	-	1,073,243	1,798,697	1,145,857
1949	-	406,073	-	1,240,335	-	-	2,496,883	1,044,767	1,343,875
1950	-	-	-	2,950,926	-	-	1,134,212	613,200	1,246,264
1951	-	-	-	1,302,668	-	-	1,073,791	822,773	1,524,001
1952	-	-	-	1,245,500	-	-	1,950,940	404,018	1,385,857
1953	-	559,100	-	1,320,459	-	-	2,104,847	1,304,523	1,372,211
1954	-	-	-	2,264,833	-	-	2,319,790	1,377,460	1,609,636
1955	48,423	-	-	1,159,935	-	-	2,653,531	436,889	1,700,854
1956	-	-	-	1,068,383	-	-	1,364,927	4,505,410	1,737,170
1957	-	-	-	3,827,771	-	798,054	1,148,665	1,579,083	1,586,123
1958	-	-	-	1,333,971	-	-	1,762,552	1,185,965	2,106,205
1959	-	-	-	2,211,735	-	-	3,356,339	1,718,285	1,875,074
1960	-	-	-	1,090,654	-	-	5,456,640	-	2,522,923
1961	-	-	-	1,107,824	-	-	3,453,012	-	2,871,423
1962	-	-	-	2,702,986	-	-	3,648,455	3,730,800	1,112,678
1963	-	-	-	-	-	-	3,036,517	1,949,431	3,393,284
1964	-	-	-	3,409,154	-	-	4,492,614	2,072,855	4,295,655
1965	-	-	-	-	-	-	2,031,491	2,152,623	2,427,865
1966	-	-	-	3,959,415	-	-	7,072,565	-	2,908,916
1967	-	-	-	4,017,512	-	-	3,694,589	1,778,469	2,929,681
1968	-	-	-	-	-	-	1,941,874	2,952,224	2,610,849
1969	-	-	-	1,344,593	-	-	2,752,280	2,591,158	3,127,401
1970	-	-	-	1,865,079	-	-	3,615,401	2,626,597	2,669,730
1971	-	-	-	3,911,875	-	-	4,181,901	2,243,021	2,433,021
1972	-	-	-	1,795,722	-	-	3,417,676	1,197,353	3,992,797
1973	-	-	-	739,652	-	-	2,687,140	-	-
1974	-	-	-	5,487,094	-	-	2,616,600	-	4,517,450
1975	-	-	-	5,860,115	541,895	-	4,470,970	-	4,002,109
1976	-	-	-	6,386,533	-	-	-	-	4,969,354
1977	-	-	-	7,085,981	681,209	-	12,445,824	-	4,513,046
1978	-	-	-	6,275,666	-	-	3,731,373	-	7,201,823
							-	-	11,477,559

Production
Per Fatal

YEAR	TOTAL PRODUCTION	EMPLOYEES	DAYS WORKED	FATALITIES	MAN-DAYS	PRODUCTION PER FATAL
CRAWFORD COUNTY	1950	3,850	6	46	-	276
	1943	1,988	3	76	-	228
	1944	3,897	5	280	-	1,400
	1945	3,471	5	200	-	1,000
	1946	3,010	5	200	-	1,000
	1947	5,298	5	200	-	1,000
	1948	19,140	10	191	-	1,914
	1949	32,699	33	244	-	8,040
	1950	98,702	38	274	-	9,371
	1951	72,566	38	224	-	8,518
	1952	66,206	19	290	-	5,512
	1953	51,836	12	288	-	3,456
	1954	59,832	18	222	-	3,289
	1955	83,841	24	274	-	6,580
	1956	77,510	15	239	-	3,589
	1957	62,634	32	241	-	7,704
	1958	28,712	37	232	-	8,576
	1959	51,629	35	241	-	8,438
	1960	107,578	34	238	-	8,105
	1961	58,663	21	250	-	5,246
	1962	78,757	22	266	-	5,858
	1963	68,207	15	279	-	4,188
	1964	51,316	15	248	-	3,721
	1965	4,760	10	80	-	796
	1966 thru 1978	-	-	-	-	-
CAMERON COUNTY						

BITUMINOUS COAL REGION
COUNTY--DISTRICT CROSS REFERENCE LIST

1978

County	Mine Inspection Districts
Allegheny	1, 5, 6, 11, 12, 34
Armstrong	2, 10, 11, 14, 35, 35A
Beaver	1, 26, 31
Bedford	65
Blair	65
Bradford	17
Butler	1, 30
Cambria	17, 18, 19, 20, 21, 24, 42
Centre	17, 47
Clarion	9, 36, 37
Clearfield	9, 17, 38, 43, 44, 45, 45A
Clinton	17, 46
Elk	9, 46
Fayette	8, 13, 33, 33A
Fulton	65
Greene	3, 4, 13, 26, 32B
Huntingdon	65
Indiana	11, 14, 15, 16, 18, 19, 25, 39, 39A
Jefferson	9, 14, 38, 38A
Lawrence	1, 31
Lycoming	17, 47
Mercer	1, 30
Somerset	21, 22, 23, 40, 40A, 41
Tioga	17, 49
Venango	37
Washington	6, 7, 8, 26, 32, 32A
Westmoreland	11, 12, 23, 34, 34A

PRODUCTION TABLE

District 1

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	Purposes of Coke	Manu- facture of Coke	Production of Coal	Production of Coke	Days of Worked	Age	No. Fatal
											accidents
Ambrosia Coal & Construction Co. Ambrosia Tipple Bethlehem Mines Corp. Fawn No. 91 Fawn No. 91 Cleaning Plant Total	Lawrence	-	-	-	-	-	-	-	305	5	-
	Butler	180,031	-	-	-	-	180,031	-	170	219	17
	Butler	-	-	-	-	-	-	-	153	16	-
	Total	180,031	-	-	-	-	180,031	-	235	17	-
Black Fox Mining & Development Corp. Hooker Tipple Kincaid Tipple Total	Butler	-	-	-	-	-	-	-	187	11	-
	Butler	-	-	-	-	-	-	-	186	11	-
	Butler	-	-	-	-	-	-	-	22	-	-
	Total	-	-	-	-	-	-	-	2	2	-
Kerry Coal Co. Eidenau Tipple Rovella Tipple Total	Butler	-	-	-	-	-	-	-	302	6	-
	Butler	-	-	-	-	-	-	-	8	-	-
	Butler	-	-	-	-	-	-	-	30	3	-
	Total	-	-	-	-	-	-	-	250	2	-
Meredith Mining, Inc. Kutsch (a) Miller & McKnight Coal Co., Inc. Book No. 1 Cleaning Plant Pengrove Coal Co. Fengrove Cleaning Plant Perry Bros. Coal Co. Perry Bros. Tipple Republic Steel Corp. Russellton Russellton Cleaning Plant Total	Venango	-	-	-	-	-	-	-	280	13	-
	Mercer	-	-	-	-	-	-	-	306	15	2
	Allegheny	268,895	-	-	-	-	268,895	-	184	248	-
	Allegheny	268,895	-	-	-	-	268,895	-	184	39	-
S&C Pipeline Co. S&C Tipple Sunbeam Coal Corp. Sunbeam Washing Plant Veon, Inc., Ralph A. Veon Tipple West Freedom Mining Corp. Blacksburg Tipple Willowbrook Mining Co. Willowbrook Tipple District Total	Mercer	-	-	-	-	-	-	-	139	1	-
	Butler	-	-	-	-	-	-	-	300	7	-
	Beaver	-	-	-	-	-	-	-	304	2	-
	Butler	-	-	-	-	-	-	-	122	10	-
	Mercer	-	-	-	-	-	-	-	304	6	-
District Total		448,926	-	-	-	-	448,926	-	186	616	19

NOTE: (a) Mine not opened as yet.

District 2

Operations and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Aver-		Non-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	tion of Coal	age	Days of Worked	Fatal acci-	Fatal
										ents	deaths
Dean Contractor, Inc., Ernest C.	Armstrong	-	-	-	-	-	-	156	5	-	-
Harciliff Tipple	Armstrong	-	-	-	-	-	-	17	3	-	-
Glacial Sand & Gravel Co.	Armstrong	-	-	-	-	-	-	-	-	-	-
Bridgeville Tipple	Armstrong	-	-	-	-	-	-	-	-	-	-
Tesone Coal Co.	Armstrong	1,372	-	50,651	-	-	52,023	238	40	-	3
Nan-Lee	Armstrong	-	-	-	-	-	-	-	-	-	-
District Total		1,372	-	50,651	-	-	52,023	216	48	-	3

District 3

Emerald Mines Corp.											
Emerald No. 1	Greene	369,879	-	-	-	-	369,879	189	318	-	33
Emerald Cleaning Plant	Greene	-	-	-	-	-	-	189	36	-	-
Total		369,879	-	-	-	-	369,879	-	354	-	33
L & J Docks											
Alicia No. 2 Tipple	Greene	-	-	-	-	-	-	120	5	-	-
Nemacolin Mines Corp.	Greene	-	-	-	-	-	-	-	-	-	-
Nemacolin	Greene	-	614,347	-	7,753(a)	-	622,100	180	548	1	72
Nemacolin Preparation Plant	Greene	-	-	-	-	-	-	180	53	-	-
Total		-	614,347	-	7,753	-	622,100	-	601	1	72
United States Steel Corp.											
Dilworth	Greene	-	460,465	2	601(b)	-	461,068	200	324	-	-
Robena No. 1 & MUS	Greene	-	603,056	2	945(c)	-	604,003	200	521	-	-
Robena No. 2	Greene	-	512,925	2	757(d)	-	513,684	200	230	-	1
Robena No. 3	Greene	-	493,866	2	878(e)	-	494,746	199	270	-	5
Robena Preparation Plant	Greene	-	-	-	-	-	-	200	157	-	2
Total		-	2,070,312	8	3,181	-	2,073,501	-	1,502	-	8
District Total		369,879	2,684,659	8	10,934(f)	-	3,065,480	-	193	2,462	1 113

NOTE: (a) 7,496 tons stockpiled.
 (b) 328 tons stockpiled.
 (c) 339 tons stockpiled.
 (d) 263 tons stockpiled.
 (e) 329 tons stockpiled.
 (f) 8,755 tons stockpiled.

District 4

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days of Em- ployes	Fatal fatal acci- dents	Non- fatal acci- dents
B & M Coal Co.	Greene	-	18,612	-	-	-	18,612	-	183	7	-
Central Cambria Drilling Co.	Greene	-	-	-	-	-	-	-	189	25	2
Blacks Run Shaft	Greene	-	-	-	-	-	-	-	189	21	2
Blacksville No. 1 Mine Shaft	Greene	-	-	-	-	-	-	-	46	-	4
Total											
Dunkard Mining Co.	Greene	-	77,028	16,442	64	-	93,534	-	189	22	-
Dunkard	Greene	-	-	-	-	-	-	-	71	5	-
Dunkard Cleaning Plant	Greene	-	77,028	16,442	64	-	93,534	-	27	-	-
Total											
Duquesne Light Co.	Greene	-	148,820	-	-	-	148,820	-	185	104	8
Warwick No. 2	Greene	-	550,306	-	-	-	550,306	-	185	389	25
Warwick No. 3	Greene	-	-	-	-	-	-	-	185	37	-
Warwick Preparation Plant	Greene	-	699,126	-	-	-	699,126	-	530	-	33
Total											
Eberhart, George R.	Greene	-	-	8,603	-	-	8,603	-	208	4	-
Titus	Greene	-	-	-	-	-	-	-	-	-	-
Francis Fuel Inc.	Greene	-	38,514	8,221	32	-	46,767	-	160	18	-
Francis	Greene	-	-	-	-	-	-	-	-	-	-
Johnson Co., R. G.	Greene	-	-	-	-	-	-	-	190	26	3
Warwick No. 2 North Portal Shaft	Greene	-	-	-	-	-	-	-	183	22	-
Cumberland "C" Air Shaft No. 3	Greene	-	-	-	-	-	-	-	188	25	3
Cumberland Air Shaft No. 4	Greene	-	-	-	-	-	-	-	215	30	2
Cumberland Air Shaft No. 5	Greene	-	-	-	-	-	-	-	103	-	8
Total											
Triangle Enterprises	Greene	-	-	57,871	-	-	57,871	-	226	26	-
Bren-Mar	Greene	-	-	-	-	-	-	-	-	-	-
United States Steel Corp.	Greene	-	511,572	-	-	-	511,572	-	189	442	22
Cumberland "C"	Greene	-	-	-	-	-	-	-	182	36	-
Luke Preparation Plant	Greene	-	511,572	-	-	-	511,572	-	478	-	22
Total											
District Total		-	1,344,852	91,137	96	-	1,436,085	-	188	1,239	67

District 5

	County	Production of Coal & Coke - Net Tons							Total Production of Coal	Total Production of Coke	Average Days Worked	Fatal Accidents	Non-Fatal Accidents
		Shipped to Market	By Rail	By Water	By Truck	Domestic Purposes	Locally Used in Manufacture of Coke	Coal					
Operators and Mines Consolidation Coal Co.	Allegheny	539,953	-	-	19,789	-	-	-	559,742	-	170	384	1
Renton Preparation Plant	Allegheny	-	-	-	-	-	-	-	-	-	166	29	-
Total		539,953	-	-	19,789	-	-	-	559,742	-	413	1	18
Harmar Coal Co.	Allegheny	-	-	184,666	1,976	-	-	-	186,642	-	175	168	-
Oakmont	Allegheny	-	-	151,588	1,622	-	-	-	153,210	-	185	96	-
Harmar Preparation Plant	Allegheny	-	-	-	-	-	-	-	-	-	178	43	-
Total		-	-	336,254	3,598	-	-	-	339,852	-	307	-	16
Republic Steel Corp.	Allegheny	278,508	-	-	-	-	-	-	278,508	-	179	296	-
Newfield		818,461	336,254	23,387	-	-	-	-	1,178,102	-	175	1,016	1
District Total													50

District 6

Consolidation Coal Co.	Washington	640,896	78,220	-	56,041	-	-	-	775,157	-	183	433	-
Montour No. 4	Allegheny	11,915	-	-	223,072	-	-	-	234,987	-	185	140	-
Montour No. 10	Allegheny	-	-	-	-	-	-	-	-	-	185	105	-
Champion No. 1 Preparation Plant	Allegheny	652,811	78,220	-	279,113	-	-	-	1,010,144	-	678	-	16
Total													
Mathies Coal Co.	Washington	75,475	1,105,513	-	651	-	-	-	1,181,639	-	182	622	-
Mathies	Washington	-	-	-	-	-	-	-	-	-	182	54	-
Mathies Cleaning Plant		75,475	1,105,513	-	651	-	-	-	1,181,639	-	676	-	17
Total													
District Total		728,286	1,183,733	-	279,764	-	-	-	2,191,783	-	183	1,354	-
													33

District 7

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	For Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Fatal
Operators and Mines											
Bethlehem Mines Corp.											
Ellsworth No. 51	Washington	590,478	-	-	-	-	590,478	-	175	494	- 32
Ellsworth No. 51 Cleaning Plant	Washington	-	-	-	-	-	-	-	175	35	-
Somerset No. 60	Washington	531,680	-	-	446	-	532,126	-	177	619	- 17
Somerset No. 60 Cleaning Plant	Washington	-	-	-	-	-	-	-	180	16	-
Total		1,122,158	-	-	446	-	1,122,604	-	-	1,164	- 49
J & C Loading Co.											
Speers Dock	Washington	-	-	-	-	-	-	-	172	6	-
United States Steel Corp.											
Maple Creek No. 1	Washington	-	687,313	1	-	-	687,314	-	199	421	- 3
Maple Creek No. 2	Washington	-	926,737	2	-	-	926,739	-	200	399	- 2
Maple Creek Preparation Plant	Washington	-	-	-	-	-	-	-	199	88	-
Total		-	1,614,050	3	-	-	1,614,053	-	-	908	- 5
District Total		1,122,158	1,614,050	3	446	-	2,736,657	-	-	186 2,078	- 54

District 8

Crescent Hills Coal Co., Inc.											
Crescent Hills	Washington	-	-	99,658	-	-	99,658	-	185	74	- 8
Jones & Laughlin Steel Corp.											
Vesta No. 4	Washington	-	219,878	-	116	-	219,994	-	171	194	- 24
Vesta No. 5	Washington	-	661,933	-	434	-	662,367	-	170	624	- 57
General Machine Shop	Washington	-	-	-	-	-	-	-	170	100	- 5
LaBelle Preparation Plant	Fayette	-	-	-	-	-	-	-	173	219	- 9
Total		-	881,811	-	550	-	882,361	-	-	1,137	- 95
Republic Steel Corp.											
Clyde	Washington	-	364,686	-	14,483(a)	-	379,169	-	181	340	- 23
Clyde Preparation Plant	Washington	-	-	-	-	-	-	-	181	26	-
Total		-	364,686	-	14,483	-	379,169	-	-	366	- 23
Tremont Mining Co.											
Vesta No. 4 No. 2 Hill	Washington	-	-	40,111	-	-	40,111	-	175	13	- 1
District Total		-	1,246,497	139,769	15,033(a)	-	1,401,299	-	-	174 1,590	- 127

NOTE: (a) 14,321 tons stockpiled.

District 9

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	For Manufacture of Coke	Coal	Production of Coal	Production of Coke	Age of Days	Non-Fatal Fatal
Ingram Coal Co.	Jefferson	-	-	-	-	-	-	-	-	295	3
Sugar Hill No. 1 Tipple	Clearfield	-	-	-	-	-	-	-	-	110	2
Sugar Hill No. 2 Tipple	Clearfield	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Kann Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	180	7
Cher's Pride Tipple	Clarion	-	-	-	-	-	-	-	-	-	-
Lady Jane Collieries, Inc.	Clarion	-	-	-	-	-	-	-	-	-	-
Stott No. 1	Clearfield	116,472	-	-	-	-	-	116,472	-	180	83
Stott No. 1 Cleaning Plant	Clearfield	-	-	-	-	-	-	-	-	180	6
Total		116,472	-	-	-	-	-	116,472	-	89	9
Manor Mining & Contracting Corp.	Clearfield	-	-	103,296	-	-	-	103,296	-	266	24
Manor No. 44	Clearfield	-	-	-	-	-	-	-	-	-	-
Mauersberg Coal Co.	Clarion	-	-	-	-	-	-	-	-	94	2
Mays Tipple	Clarion	-	-	-	-	-	-	-	-	-	-
Moshannon Falls Mining Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	193	4
Mt. Carmel No. 2 Tipple	Clearfield	-	-	-	-	-	-	-	-	-	-
P & N Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	222	4
Brockway Tipple	Elk	-	-	-	-	-	-	-	-	212	4
Medix Run Tipple	Elk	-	-	-	-	-	-	-	-	8	-
Total		-	-	-	-	-	-	-	-	-	-
R.E.M. Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	102	8
Corsica Tipple	Clarion	-	-	-	-	-	-	-	-	-	-
River Hill Coal Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	244	20
Hoffman Tipple	Clearfield	-	-	-	-	-	-	-	-	138	3
Rolling Stone Tipple	Clearfield	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	23	1
Shannon Coal Co.	Clarion	-	-	-	-	-	-	-	-	357	26
Shannon Tipple	Clarion	-	-	-	-	-	-	-	-	-	-
Shawville Coal Co.	Clearfield	-	-	-	-	-	-	-	-	216	13
Surveyor Run Tipple	Clearfield	-	-	-	-	-	-	-	-	-	-
Siegel Coal Co., Harold A.	Clarion	-	-	-	-	-	-	-	-	298	9
Siegel Tipple	Clarion	-	-	-	-	-	-	-	-	-	-
Sky Haven Coal Inc.	Clearfield	-	-	-	-	-	-	-	-	275	5
Owens No. 1 Tipple	Clearfield	-	-	-	-	-	-	-	-	-	-
Stahlman Coal Co., Inc., W.P.	Clarion	-	-	-	-	-	-	-	-	337	22
Stahlman Washery	Clarion	-	-	-	-	-	-	-	-	-	-
Teeter Coal Co., John	Clarion	-	-	-	-	-	-	-	-	-	-
Eagle Rock No. 10 Tipple	Clearfield	-	-	-	-	-	-	-	-	222	2

District 9

County	Production of Coal & Coke - Net Tons									
	Shipped to Market			Coal Used			Total			Non-
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	of Coal	Produc- tion of Coke	Produc- tion of Coal	Aver- age Days of Em- ployes	
Operators and Mines										
Thomas Coal Sales, Inc.	-	-	-	-	-	-	-	-	224	8 - 2
Hickory Tipple	-	-	-	-	-	-	-	-	95	3 - -
Weaver & Sons, A.P.	-	-	-	-	-	-	-	-	294	5 - -
Fryburg Tipple	-	-	-	-	-	-	-	-	-	-
Pine City Washing Plant	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Zacherl Coal Co., Inc.	-	-	-	-	-	-	-	-	307	7 - -
Zacherl Tipple	-	-	-	-	-	-	-	-	-	-
District Total	116,472	-	210,748	-	-	327,220	-	249	512	- 25

131

District 10

Armstrong	6,294	-	202,894	-	-	209,188	-	163	76	1 7
Armstrong	-	-	-	-	-	-	-	174	15	- 2
Total	6,294	-	202,894	-	-	209,188	-	91	91	1 -
Keystone Coal Mining Corp.										
Emilie	-	-	540,579(a)	-	-	540,579	-	179	303	- 23
Emilie No. 4	-	-	164,872(a)	-	-	164,872	-	180	82	- 2
Jane	-	-	1,056,805(a)	-	-	1,056,805	-	179	527	- 45
Margaret No. 11	-	-	168,923	-	-	168,923	-	174	66	- 5
Total	-	-	1,931,179	-	-	1,931,179	-	978	978	- 75
District Total	6,294	-	2,134,073(b)	-	-	2,140,367	-	178	1,069	1 84

NOTE: (a) Coal was transported by conveyor belt.
 (b) 1,762,256 tons were transported by conveyor belt.

District 11

	County	Production of Coal & Coke - Net Tons										Non-fatal accidents
		Shipped to Market		Coal Used Locally for Domestic Purposes of Coke		Used in Manufacture of Coke		Total Production of Coal		Average age of Worked men		
		By Rail	By Water	By Truck								
Operators and Mines												
Almire Bros. Coal Co., Inc.	Armstrong	-	-	-	-	-	-	-	-	187	10	-
Apollo Tipple	Armstrong	-	-	-	-	-	-	-	-	183	204	10
Canterbury Coal Co.	Armstrong	-	-	376,785	-	-	-	376,785	-	143	43	2
David	Armstrong	-	-	45,741	-	-	-	45,741	-	183	42	-
DiAnne	Armstrong	-	-	-	-	-	-	-	-	-	-	-
Canterbury Cleaning Plant	Armstrong	-	-	422,526	-	-	-	422,526	-	289	-	12
Total												
Creighton Hills Coal Co.												
Creighton	Allegheny	-	-	6,965	-	-	-	6,965	-	183	2	-
Kaskan Coal Co.	Allegheny	-	-	-	-	-	-	-	-	-	-	-
Kaskan No. 2	Armstrong	-	-	2,490	-	-	-	2,490	-	133	4	-
Leechburg Mining Co.	Armstrong	159,763	-	2,384	11	-	-	162,158	-	181	79	6
Foster No. 65	Armstrong	-	-	-	-	-	-	-	-	181	5	-
Foster No. 4 & 5 Cleaning Plant	Armstrong	159,763	-	2,384	11	-	-	162,158	-	84	-	6
Total												
Loyal Creek Coal Co.												
Loyal Creek No. 1	Westmoreland	-	-	5,310	-	-	-	5,310	-	247	7	-
Partner Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Gilmur No. 1	Westmoreland	-	-	12,288	-	-	-	12,288	-	184	5	-
Penn Allegh Coal Co., Inc.	Allegheny	72,272	20,278	320,217	1,664	-	-	414,431	-	182	173	10
Allegheny No. 2	Allegheny	-	-	48,459	-	-	-	48,459	-	182	23	2
Allegheny No. 3	Allegheny	-	-	-	-	-	-	-	-	182	14	-
Allegheny No. 2 Cleaning Plant	Allegheny	72,272	20,278	368,676	1,664	-	-	462,890	-	210	-	12
Total												
Tunnelton Mining Co.												
Marion	Indiana	296,906	-	-	-	-	-	296,906	-	179	208	1
Marion Cleaning Plant	Indiana	296,906	-	-	-	-	-	296,906	-	179	7	-
Total												
Weimer Coal Co.	Armstrong	-	-	3,364	-	-	-	3,364	-	161	6	-
Weimer No. 2	Armstrong	-	-	-	-	-	-	-	-	-	-	-
District Total												
		528,941	20,278	824,003	1,675	-	-	1,374,897	-	180	832	1
												51

Production of Coal & Coke - Net Tons	
--------------------------------------	--

District 13133

District 13

County	Production of Coal & Coke - Net Tons									
	Shipped to Market					Total Production of Coal				
	By Rail	By Water	By Truck	By Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal accidents
Operators and Mines										
United States Steel Corp. (continued)										
Fayette	-	-	-	-	-	-	-	202	32	-
Everton Shop	-	-	-	-	-	-	-	202	80	-
Fayette	-	-	-	-	-	-	-	202	4	-
Filbert Shop	-	-	-	-	-	-	-	202	218	-
Leckrone Timber Treating Plant	-	225,539	-	-	-	225,539	-	-	-	1
Total	-	842,386	-	2,329	-	844,715	-	210	725	26
District Total										

District 14

County	Production of Coal & Coke - Net Tons									
	Shipped to Market					Total Production of Coal				
	By Rail	By Water	By Truck	By Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal accidents
Operators and Mines										
United States Steel Corp. (continued)										
Fayette	-	-	-	-	-	-	-	202	32	-
Everton Shop	-	-	-	-	-	-	-	202	80	-
Fayette	-	-	-	-	-	-	-	202	4	-
Filbert Shop	-	-	-	-	-	-	-	202	218	-
Leckrone Timber Treating Plant	-	225,539	-	-	-	225,539	-	-	-	1
Total	-	842,386	-	2,329	-	844,715	-	210	725	26
District Total										

Arcadia Co., Inc., The	Indiana	-	-	-	-	-	-	28	4	-
Arcadia No. 43 Tipple	Indiana	-	-	-	-	-	-	175	4	-
Rossiter No. 2 Tipple	Indiana	-	-	-	-	-	-	1	4	-
Baughman Coal Co., Inc., R.D.	Armstrong	-	-	-	-	-	-	40	6	-
Poseytown Preparation Plant	Armstrong	-	-	-	-	-	-	190	4	-
Benjamin Coal Co.	Indiana	-	-	-	-	-	-	15	1	-
Benjamin No. 11 Tipple	Armstrong	-	-	-	78	78	-	183	4	-
Brocius, Harold E.	Armstrong	-	-	-	-	-	-	250	4	-
Brocius	Armstrong	-	-	-	-	-	-	187	50	4
Cannel Coal Co., Inc.	Armstrong	6,499	-	3,227	-	9,726	-	73	3	-
Cannel No. 1	Armstrong	-	-	-	-	-	-	257	11	-
Colwell Coal Co.	Armstrong	-	-	-	-	-	-	51	22	-
Colwell Loading Dock & Crusher	Armstrong	-	-	-	-	-	-	-	-	-
Copper Valley Coal Co., Inc.	Armstrong	-	-	-	-	-	-	-	-	-
Copper Valley No. 6	Armstrong	-	-	-	-	-	-	-	-	-
Davis Coal Co.	Indiana	-	-	-	461	461	-	-	-	-
Davis No. 3	Armstrong	-	-	-	-	-	-	-	-	-
Dean Contractor, Inc., Ernest C.	Armstrong	-	-	-	-	-	-	-	-	-
Bostonia Tipple	Jefferson	1,973	-	-	-	1,973	-	-	-	-
Doverspike Bros. Coal Co.										
Dora No. 6										

District 14

[illegible]

District 15

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average age of Em- ployes	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally	Used in Manu- facture of Coke			Days Worked	Fatal acci- dents
Apollo Corp., The	Indiana	-	-	-	-	-	-	-	-	103	4
Apollo No. 1 Tipple	Indiana	-	-	-	-	-	-	-	-	10	7
Apollo No. 2 Preparation Plant		-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	11	-
Dixonville Mining Co.	Indiana	26,236	-	-	-	-	-	26,236	-	229	13
Dixon Run No. 6		-	-	-	-	-	-	-	-	-	5
Glory Coal Co., Inc.	Indiana	-	-	43,872	-	-	-	43,872	-	117	20
Glory No. 2		-	-	-	-	-	-	-	-	-	-
Keystone Coal Mining Co(a)	Indiana	-	-	276,285	-	-	-	276,285	-	164	126
Urling No. 1	Indiana	-	-	177,770	-	-	-	177,770	-	170	95
Urling No. 2	Indiana	-	-	251,949(b)	-	-	-	251,949	-	179	114
Urling No. 3	Indiana	-	-	706,004	-	-	-	706,004	-	335	9
Total		-	-	-	-	-	-	-	-	-	41
McIntire Coal Co.	Indiana	-	-	-	-	-	-	-	-	224	3
Park Side Tipple		-	-	-	-	-	-	-	-	-	-
Mears Coal Co.	Indiana	75,427	-	-	-	-	-	75,427	-	233	26
Chestnut Ridge No. 1	Indiana	142,125	-	-	-	-	-	142,125	-	230	27
Dixon Run No. 3	Indiana	11,266	-	-	-	-	-	11,266	-	238	15
M. Y. No. 1	Indiana	-	-	-	-	-	-	-	-	254	40
Mears Preparation Plant	Indiana	228,818	-	-	-	-	-	228,818	-	108	9
Total		-	-	-	-	-	-	-	-	-	-
Oneida Mining Co., The	Indiana	74,968	-	-	-	-	-	74,968	-	174	302
Oneida No. 4	Indiana	-	-	-	-	-	-	-	-	174	22
Oneida Preparation Plant		74,968	-	-	-	-	-	74,968	-	324	24
Total		-	-	-	-	-	-	-	-	-	-
Penn Hill Coal Corp.	Indiana	76,816	-	-	-	-	-	76,816	-	233	30
Penn Hill No. 2		-	-	-	-	-	-	-	-	-	9
Valley Coal Co., Inc.	Indiana	-	-	38,204	-	-	-	38,204	-	197	31
Valley No. 11	Indiana	-	-	80,121	-	-	-	80,121	-	230	33
Valley No. 12	Indiana	-	-	118,325	-	-	-	118,325	-	64	3
Total		-	-	-	-	-	-	-	-	-	-
District Total		406,838	-	868,201 (c)	-	-	-	1,275,039	-	191	908
		-	-	-	-	-	-	-	-	-	91

NOTE: (a) Formerly Rochester & Pittsburgh Coal Co.
 (b) Coal transported by conveyor belt.
 (c) 251,949 tons transported by conveyor belt.

District 16

County	Production of Coal & Coke - Net Tons									
	Shipped to Market					Used in				
	By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Accidents
Indiana	-	-	113,441(a)	-	-	113,441	-	171	125	4
Dias	-	-	316,079(a)	-	-	316,079	-	172	248	14
No. 1 Mine Blacklick Portal	-	-	705,356(a)	-	-	705,356	-	170	544	21
Indiana	-	-	220,958(a)	-	-	220,958	-	179	235	15
Florence No. 2	-	-	-	-	-	-	-	236	50	2
Florence Preparation Plant	-	-	1,355,834	-	-	1,355,834	-	1,202	-	56
Total	-	-	-	-	-	-	-	-	-	-
North American Coal Corp., The	-	-	319,156(a)	-	-	319,156	-	172	214	6
Conemaugh No. 1	-	-	-	-	-	-	-	189	9	-
Conemaugh Preparation Plant	-	-	319,156	-	-	319,156	-	223	-	6
Total	-	-	-	-	-	-	-	-	-	-
District Total	-	-	1,674,990(a)	-	-	1,674,990	-	175	1,425	62

NOTE: (a) Coal was transported by conveyor belt.

District 17

Associated Drilling, Inc.	139,076	-	-	-	-	139,076	-	244	59	7
Kephart	-	-	-	-	-	-	-	-	-	-
Avery Coal Co., Inc.	-	-	-	-	-	-	-	244	20	-
Kettle Creek Tipple	-	-	-	-	-	-	-	244	34	-
Van Tipple	-	-	-	-	-	-	-	-	54	-
Total	-	-	-	-	-	-	-	-	-	-
Benjamin Coal Co.	-	-	-	-	-	-	-	215	26	5
Benjamin No. 3 Cleaning Plant	-	-	-	-	-	-	-	215	33	1
Benjamin No. 6 Cleaning Plant	-	-	-	-	-	-	-	-	59	6
Total	-	-	-	-	-	-	-	-	-	-
Bradford Coal Co., Inc.	-	-	-	-	-	-	-	232	18	1
Shannon Smokeless No. 1 Prep. Pl.	-	-	-	-	-	-	-	251	28	-
Cooper Smokeless No. 2 Prep. Pl.	-	-	-	-	-	-	-	-	46	1
Total	-	-	-	-	-	-	-	-	-	-
Brown, Inc., E. M.	-	-	-	-	-	-	-	239	7	-
Brown No. 5 Tipple	-	-	-	-	-	-	-	-	-	-

District 17

County	Production of Coal & Coke - Net Tons										Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to Market			Coal Used												
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Produc- tion	Produc- tion									
Operators and Mines																
Carlin, Inc., R.S.	-	-	-	-	-	-	-	-	-	-	-	211	5	-	-	-
Snow Shoe Tipple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Empire Coal Co., Inc.	-	-	-	-	-	-	-	-	-	-	-	134	3	-	-	-
Benjamin No. 10 Tipple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fisher Mining Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fisher Tipple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flango Brothers Coal, Inc.	-	-	-	-	-	-	-	-	-	-	-	230	1	-	-	-
Amesville Tipple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helena Coal Co., Inc.	-	-	-	-	-	-	-	-	-	-	-	201	6	-	-	-
Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clearfield	-	-	-	-	-	-	-	-	-	-	-	240	12	-	-	-
Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clearfield	-	-	-	-	-	-	-	-	-	-	-	244	12	-	-	-
Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Centre	-	-	-	-	-	-	-	-	-	-	-	198	3	-	-	-
Bradford Breaker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jones & Brague Mining Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barclay Tipple	-	-	-	-	-	-	-	-	-	-	-	279	2	-	-	-
Red Run Tipple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	-	-	-	-	-	282	4	-	-	-
Tioga	-	-	-	-	-	-	-	-	-	-	-	283	7	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
K & J Coal Co., Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Westover Preparation Plant	-	-	-	-	-	-	-	-	-	-	-	300	35	-	2	-
Moore & Son, Inc., W.G.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hale No. 1 Tipple	-	-	-	-	-	-	-	-	-	-	-	30	3	-	-	-
North Cambria Fuel Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hastings Preparation Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
River Hill Coal Co., Inc.	-	-	-	-	-	-	-	-	-	-	-	23	3	-	-	-
Loop Run Tipple	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clinton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rushton Mining Co.	-	-	-	-	-	-	-	-	-	-	-	92	3	-	-	-
Centre	410,050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Centre	-	-	-	-	-	-	-	-	-	-	-	183	216	-	9	-
Total	410,050	-	-	-	-	-	-	-	-	-	-	183	30	-	-	-
Rushton Cleaning Plant	-	-	-	-	-	-	-	-	-	-	-	410,050	246	-	9	-
S & D Trucking Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Halfway Coal Yard	-	-	-	-	-	-	-	-	-	-	-	230	4	-	-	-
Stott Coal Co., Inc., James M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belfast No. 14 Sidings	-	-	-	-	-	-	-	-	-	-	-	190	35	-	2	-
Warquier Coal Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Warquier Tipple	-	-	-	-	-	-	-	-	-	-	-	163	5	-	-	-
District Total	549,126	-	-	-	-	-	-	-	-	-	-	549,126	614	-	27	-

District 18

		Production of Coal & Coke - Net Tons									
County	Shipped to Market	By Rail		By Truck		Used in Manufacture of Coke		Total Production of Coal		Average No. of Days Worked	
		Water		Locally for Domestic Purposes						Fatal Accidents	
Operators and Mines											
Barnes & Tucker Co.											
Lancashire No. 24B											
Lancashire No. 24D											
Lancashire No. 24 Cleaning Plant											
Total											
Bethlehem Mines Corp.											
Mine No. 32											
Cambria											
District Total											

District 19

Barnes & Tucker Co.											
Lancashire No. 25											
Shops & Supply											
Lancashire No. 25 Cleaning Plant											
Total											
Greenwich Collieries											
Greenwich No. 1											
Greenwich No. 2											
Greenwich Preparation Plant											
Total											
Hillsdale Mining Co.											
Hillsdale No. 1											
District Total											

District 20

Bethlehem Mines Corp.											
Mine No. 31											
Brookdale No. 77											
Brookdale Preparation Plant											
Total											

District 20

County	Production of Coal & Coke - Net Tons									
	Shipped to Market					Total Production of Coal				
	By Rail	By Water	By Truck	By Domestic Purposes	Locally Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days of Worked	No. Fatal accidents	Non-Fatal
Operators and Mines										
Vinton Coal Co.	-	-	-	90	-	90	-	16	3	-
Vinton No. 3	177,527	-	77,097	90	-	254,714	-	161	619	1 29
District Total										

District 21

Bethlehem Mines Corp.	174,559	-	-	-	-	174,559	-	168	231	- 14
Ehrenfeld No. 38-D	-	-	-	-	-	-	-	168	11	-
Ehrenfeld Tiptoe	-	-	36,337	-	-	36,337	-	169	57	- 5
Ehrenfeld No. 38-E	-	-	50,199	-	-	50,199	-	170	81	- 2
Solomon Run No. 73	174,559	-	86,536	-	-	261,095	-	170	380	- 21
Total										
Cooney Bros. Coal Co.	-	-	-	-	-	-	-	206	12	-
Sorman Processing Plant	-	-	-	-	-	-	-	186	11	-
GMK Co.	-	-	-	-	-	-	-	-	-	-
No. 37 Processing Plant	-	-	-	-	-	-	-	-	-	-
Harmony Mining Co.	-	-	109,008	-	-	109,008	-	183	86	-
Harmony No. 1	-	-	-	-	-	-	-	-	-	-
Island Creek Coal Co.	-	-	-	-	-	-	-	-	-	-
Bird No. 2	165,285	-	-	-	-	165,285	-	182	206	1 6
Bird No. 3	142,840	-	-	-	-	142,840	-	176	159	- 5
Bird No. 3 Processing Plant	-	-	-	-	-	-	-	186	36	-
Total										
Jandy Coal Co., Inc.	308,125	-	-	-	-	308,125	-	401	1	11
Eureka No. 40	78,231	-	-	-	-	78,231	-	174	75	- 2
Eureka No. 40 Up. Processing Pl.	-	-	-	-	-	-	-	174	10	-
Total										
Longwall Mining, Inc.	78,231	-	-	-	-	78,231	-	85	-	2
Longwall No. 1	-	-	105,294	-	-	105,294	-	183	80	- 1
M & K Coal Co.	-	-	-	-	-	-	-	-	-	-
No. 40 Processing Plant	-	-	-	-	-	-	-	145	23	-
Universal Minerals, Inc.	-	-	-	-	-	-	-	-	-	-
Sorman Processing Plant	-	-	-	-	-	-	-	187	15	-
District Total										
	560,915	-	300,838	-	-	861,753	-	176	1,093	- 35

District 22

County	Production of Coal & Coke - Net Tons										Non-Fatal accidents
	Shipped to Market			Coal Used		Total Production of Coal of Coke	Average Days Worked	No. of Em- ployes	Fatal accidents		
	By Rail	By Truck	By Water	Locally for Domestic Purposes	Manu- facture of Coke						
Operators and Mines											
Bethlehem Mines Corp.											
Mine No. 78	114,062	169,848	-	-	-	283,910	-	169	151	-	8
Bloom Coal Co.	-	-	-	2,127	-	2,127	-	189	1	-	-
Bloom No. 1	-	-	-	-	-	-	-	-	-	-	-
Cainbrook Coal Co., Inc.	-	21,403	-	-	-	21,403	-	176	21	-	4
Cainbrook No. 9	-	-	-	-	-	-	-	-	-	-	-
Consolidation Coal Co.	-	238,352	-	-	-	238,352	-	180	219	-	15
Laurel	-	-	-	-	-	-	-	166	31	-	-
Laurel Preparation Plant	-	238,352	-	-	-	238,352	-	250	-	-	15
Total											
Drummond Coal Co., Inc.	-	-	-	-	-	-	-	20	4	-	-
Moore Loading Ramp	-	-	-	-	-	-	-	-	-	-	-
Fetterolf Mining, Inc.	-	-	-	-	-	-	-	185	5	-	-
Breaker Plant	-	-	-	-	-	-	-	-	-	-	-
Heshbon Coal Co., Inc.	-	-	-	-	-	-	-	64	3	-	-
Eureka No. 36 Tipple	-	-	-	-	-	-	-	-	-	-	-
Hiysota Fuel Co., Inc.	-	99,756	-	-	-	99,756	-	179	50	-	1
Ralphon No. 1	-	-	-	-	-	-	-	-	-	-	-
Huston, L.R.	-	154	-	-	-	154	-	46	1	-	-
Valent	-	-	-	-	-	-	-	44	-	-	-
Intercarbon Coal Co.	-	-	-	-	-	-	-	-	-	-	-
Three S. Plant (a)	-	-	-	-	-	-	-	108	13	-	-
Preparation Plant (b)	-	-	-	-	-	-	-	-	13	-	-
Total											
J & D Mining, Inc.	-	87,325	-	-	-	87,325	-	172	21	-	2
Miller Run	-	-	-	-	-	-	-	-	-	-	-
Lunar Mining, Inc.	-	266,995	-	-	-	266,995	-	226	78	-	-
Solar No. 7	-	-	-	-	-	-	-	256	16	-	1
PBS Coals, Inc.	-	-	-	-	-	-	-	-	-	-	-
Shade Creek Cleaning Plant	-	-	-	-	-	-	-	-	-	-	-
Potochar & Potochar Coal Co.	-	6,176	-	180	-	6,356	-	225	2	-	-
Potochar No. 2	-	-	-	-	-	-	-	-	-	-	-
Reitz Coal Co.	-	54,975	-	-	-	54,975	-	201	29	-	9
No. 21 Mine-North Somerset(c)	-	13,113	-	-	-	13,113	-	201	12	-	4
No. 22 Mine-St. Thomas(d)	-	37,423	-	-	-	37,423	-	201	27	-	3
No. 23 Mine-J.T. (e)	-	36,674	-	-	-	36,674	-	201	33	-	1
No. 24 Mine-Camp Hamilton(f)	-	-	-	-	-	-	-	171	22	-	1
No. 4 Cleaning Plant	-	-	-	-	-	-	-	179	24	-	1
No. 11 Cleaning Plant	-	142,185	-	-	-	142,185	-	147	-	-	19
Total											

District 22

County	Production of Coal & Coke - Net Tons											
	Shipped to Market			Coal Used		Coal		Total Production of Coal	Total Production of Coke	Average age of Worked	Fatal accidents	Non-fatal accidents
By Rail	By Water	By Truck	Locally for Domestic Purposes	for Manufacture of Coke	Used in Manufacture of Coke							
Richland Coal Corp.	-	-	-	2,401	-	-	2,401	-	-	171	3	-
Eureka No. 35 Lower	36,391	-	-	-	-	-	68,174	-	-	238	23	1
Solar Fuel Co., A Gulf & Western Co.	-	-	-	-	-	-	-	-	-	224	33	-
Solar No. 5	36,391	-	-	-	-	-	68,174	-	-	-	56	1
Quemahoning Coal Processing Pl.	-	-	-	-	-	-	-	-	-	-	-	-
Trent Coal, Inc.	-	-	-	-	-	-	-	-	-	-	-	-
Hritz	-	-	11,209	-	-	-	11,209	-	-	195	8	2
District Total	150,453	-	1,075,186	4,708	-	-	1,230,347	-	-	187	830	53

NOTE: (a) Ceased operating July 31, 1978.

(b) Began operating August 1, 1978.

(c) Formerly operated by the North Somerset Mining and Construction Company, as the North Somerset No. 1 Mine.

(d) Formerly operated by the St. Thomas Coal Company, Division of Reitz Coal Company, as the St. Thomas Mine.

(e) Formerly operated by the J. T. Coal Company, Division of Reitz Coal Company, as the J. T. No. 2 Mine.

(f) Formerly operated by the Camp Hamilton Coal Company, Division of Reitz Coal Company, as the Camp Hamilton Mine.

District 23

Appalachian Fuels, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

District 23

		Production of Coal & Coke - Net Tons												
		Shipped to Market		Coal Used		Total Production		Total Production		Average		Non-		
				Locally		Used in		Production		Days		Fatal		
				for		Manu-		of Coal		of Coke		accidents		
				Domestic		facture		of Coke		Worked		accidents		
				Purposes		of Coke		of Coke		Plays		deaths		
										</				

NOTE: (a) Mine closed in May, 1978 and permanently sealed.
(b) Formerly operated by Pembroke Coal Company.

District 24

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Average Days of Worked		Fatal Accidents	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	tion of Coal	age	No. of Em- ployes	Fatal acci- dents	Non- ac- ci- dents
Barnes & Tucker Co.	Cambria	268,479	-	17,226	-	-	285,705	-	172	379	- 109
Lancashire No. 20	Cambria	-	-	-	-	-	-	-	172	41	- 8
Lancashire No. 20 Cleaning Pl.		268,479	-	17,226	-	-	285,705	-	420	-	- 117
Total											
Bethlehem Mines Corp.	Cambria	650,982	-	492,221	-	-	1,143,203	-	166	920	- 39
Cambria Slope No. 33	Cambria	-	-	-	-	-	-	-	179	127	- 3
Cambria Slope Prep. Plant		650,982	-	492,221	-	-	1,143,203	-	1,047	-	- 42
Total											
Cambria Coal Co.	Cambria	-	-	-	-	-	-	-	305	11	- -
Fallentimber Cleaning Plant		-	-	-	-	-	-	-	-	-	- -
Eastern Associated Coal Corp.	Cambria	8,825	-	-	864	-	9,689	-	27	126	- 2
Colver	Cambria	-	-	-	-	-	-	-	27	19	- -
Colver Preparation Pl.		8,825	-	-	864	-	9,689	-	-	145	- 2
Total											
Pierce Bros., Inc.	Cambria	-	-	-	-	-	-	-	43	14	- -
Pierce Bros. No. 2 Cleaning Pl.		-	-	-	-	-	-	-	-	-	- -
Stella Maris Coal Co.	Cambria	-	-	875	10	-	885	-	250	1	- -
Stella Maris		-	-	-	-	-	-	-	-	-	- -
District Total		928,286	-	510,322	874	-	1,439,482	-	156	1,638	- 161

District 25

Helen Mining Co., The	Indiana	-	-	611,639(a)	-	-	611,639	-	176	467	- 17
Homer City		-	-	-	-	-	-	-	-	-	- -
Helvetia Coal Co.	Indiana	-	-	932,903(a)	-	-	932,903	-	175	463	1 38
Lucerne No. 6	Indiana	-	-	322,313	-	-	322,313	-	180	138	- 18
Lucerne No. 8	Indiana	-	-	271,459	-	-	271,459	-	181	140	- 15
Lucerne No. 9	Indiana	-	-	-	-	-	-	-	175	4	- -
Lucerne No. 6 Cleaning Pl.		-	-	1,526,675	-	-	1,526,675	-	745	1	- 71
Total		-	-	-	-	-	-	-	-	-	- -
Iselin Preparation Co.	Indiana	-	-	-	-	-	-	-	147	87	- 3
Homer City Coal Cleaning Pl.		-	-	-	-	-	-	-	-	-	- -

District 25

Production of Coal & Coke - Net Tons										
Shipped to Market			Coal		Total		Aver-		Non-	
By Rail	By Water	By Truck	Purposes of Coke	Manu- facture	Produc- tion of Coal	Produc- tion of Coke	age Days	Fatal acci- dents		
-	-	131,462	-	-	-	131,462	-	178	111	- 8
-	-	-	-	-	-	-	-	-	3	-
-	-	131,462	-	-	-	131,462	-	-	114	- 8
-	-	2,269,776(c)	-	-	-	2,269,776	-	175	1,413	- 99

NOTE: (a) Coal was transported by conveyor belt.
(b) Mine is temporarily closed.
(c) 1,544,542 tons were transported by conveyor belt.

District 26[illegible]

District 30

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	Production of Coal	Production of Coke	Days of Worked	No. of Em- ployes	Fatal acci- dents
AR-RS Coal Corp.	Butler	-	-	146	-	-	146	-	30	3	-
Strip Permit No. 847-8											
Allegheny Mineral Corp.	Butler	-	-	38,614	-	-	38,641	-	149	7	-
Strip Permit No. 571-8											
Altmiere Bros., Coal Co., Inc.	Butler	-	-	10,000	-	-	10,000	-	80	3	-
Strip Permit No. 29-20											
Atwell, Neil	Mercer	-	-	4,011	-	-	4,011	-	160	2	-
Strip Permit No. 1867-1											
B&D Coal Co.	Butler	-	-	140,598	-	-	140,598	-	306	18	-
Strip Permit No. 558-4											
B&G Construction Co., Inc.	Butler	11,238	-	-	-	-	11,238	-	75	5	-
Strip Permit No. 25-15											
B.H.&H./Daset Mining Corp.	Butler	-	-	11,301	-	-	11,301	-	80	13	-
Strip Permit No. 617-19											
Big B Mining Co., Inc.	Butler	-	-	21,970	-	-	21,970	-	145	4	-
Strip Permit No. 633-6											
Strip Permit No. 633-7	Butler	-	-	7,870	-	-	7,870	-	40	*	-
Strip Permit No. 633-8	Butler	23,635	-	-	-	-	23,635	-	180	4	-
Strip Permit No. 633-9	Butler	28,000	-	-	-	-	28,000	-	110	4	-
Strip Permit No. 633-10	Butler	-	-	5,855	-	-	5,855	-	45	*	-
Black-Dot Coal, Inc.		51,635	-	35,695	-	-	87,330	-	12	-	-
Strip Permit No. 1788-1	Mercer	466	-	-	881	-	1,347	-	80	2	-
Black Fox Mining & Development Corp.											
Strip Permit No. 289-18A	Butler	29,045	-	-	-	-	29,045	-	60	22	-
Strip Permit No. 289-19	Butler	11,800	-	-	-	-	11,800	-	10	-	-
Strip Permit No. 289-22	Butler	-	-	-	-	-	978	-	3	-	-
Strip Permit No. 289-23	Butler	25,020	-	11,000	-	-	36,020	-	90	-	-
Strip Permit No. 289-25	Butler	30,575	-	10,000	-	-	40,575	-	120	-	-
Strip Permit No. 289-26	Butler	4,986	-	-	-	-	4,986	-	5	-	-
Strip Permit No. 289-28	Butler	26,300	-	3,000	-	-	29,300	-	65	-	-
Strip Permit No. 289-30	Butler	145,204	-	24,000	-	-	169,204	-	20	-	-
Bracken Construction Co.											
Strip Permit No. 1169-2,3,65	Butler	205,893	-	26,406	-	-	232,299	-	234	50	-
Total											

District 30

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total		Total		Non-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes of Coke	Production of Coal	Production of Coke	Production of Coal	Production of Coke	Days of Em- ployes	Fatal acci- dents
C&K Coal Co.	Butler	53,993	-	5,999	-	59,992	-	59,992	-	337	19
Strip Permit No. 4-136	Butler	2,145	-	238	-	2,383**	-	2,383**	-	30	-
Strip Permit No. 4-171	Butler	12,291	-	1,366	-	13,657	-	13,657	-	200	-
Auger-BAM-828	Butler	68,429	-	7,603	-	76,032	-	76,032	-		
Total										19	-
Duncan Coal Co.	Butler	-	-	41,558	-	41,558	-	41,558	-	267	7
Strip Permit No. 1232-3	Butler	-	-	18,061	-	18,061	-	18,061	-	230	7
Strip Permit No. 1232-6	Butler	-	-	59,619	-	59,619	-	59,619	-		14
Total											
H&D Coal Co.	Butler	-	-	44,194	-	44,194	-	44,194	-	280	12
Strip Permit No. 1199-1	Butler	-	-	11,958	-	11,958	-	11,958	-	52	*
Strip Permit No. 1199-4	Butler	-	-	6,425	-	6,425	-	6,425	-	20	*
Strip Permit No. 1199-5	Butler	-	-	62,577	-	62,577	-	62,577	-		12
Total											
Hawk Contracting, Inc.	Butler	-	-	11,193	-	11,193	-	11,193	-	137	7
Strip Permit No. 1259-15	Butler	-	-	-	-	-	-	-	-	95	1
Highwall Mining Co., Inc.	Butler	-	-	-	-	-	-	-	-		
Strip Permit No. 1548-2	Butler	-	-	-	-	-	-	-	-		
Johnston, Robert J.	Butler	-	-	80,930	-	80,930	-	80,930	-	161	18
Special Project No. 464	Butler	-	-	-	-	-	-	-	-		
Kerry Coal Co.	Butler	-	-	18,651	-	18,651	-	18,651	-	179	5
Strip Permit No. 41-44 & 44A	Butler	-	-	7,833	-	7,833	-	7,833	-	95	
Strip Permit No. 41-45	Butler	22,022	-	-	-	22,022	-	22,022	-	78	
Strip Permit No. 41-46	Butler	22,022	-	26,484	-	48,506	-	48,506	-		5
Total											
Large Coal Co., Inc.	Butler	-	-	2,385	-	2,385	-	2,385	-	34	3
Strip Permit No. 1606-1	Butler	-	-	-	-	-	-	-	-		
Lucas Coal Co., Inc.	Butler	28,819	-	53,241	-	82,060	-	82,060	-	250	8
Strip Permit No. 1680-2 & 5	Butler	37,684	-	69,618	-	107,302	-	107,302	-		14
Strip Permit No. 1680-3	Butler	293	-	542	-	835	-	835	-		1
Strip Permit No. 1680-9	Butler	7,167	-	13,240	-	20,407	-	20,407	-		10
Strip Permit No. 1680-11	Butler	73,963	-	136,641	-	210,604	-	210,604	-		33
Total											
Malinski, Charles P.	Butler	-	-	25,088	-	25,088	-	25,088	-	190	4
Strip Permit No. 1795-1	Butler	-	-	-	-	-	-	-	-	20	8
Strip Permit No. 1795-3	Butler	-	-	25,088	-	25,088	-	25,088	-		12
Total											

District 30

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. Fatal accidents	Non-Fatal accidents
Miller & McKnight Coal Co., Inc. Strip Permit No. 240-17	Butler	-	-	82,693	-	-	82,693	-	292	10	-
Nastasi Coal Co. Strip Permit No. 645-3	Butler	-	-	2,084	-	-	2,084	-	65	10	-
Strip Permit No. 645-4	Butler	-	-	2,060	-	-	2,060	-	63	-	-
Total		-	-	4,144	-	-	4,144	-	10	-	-
Perry Brothers Coal Co. Strip Permit No. 72-16	Mercer	-	-	26,964	-	-	26,964	-	316	10	4
Strip Permit No. 72-17	Mercer	11,716	-	21,937	-	-	33,653	-	117	*	2
Strip Permit No. 72-18	Butler	-	-	57,201	-	-	57,201	-	248	9	1
Strip Permit No. 72-19	Mercer	36,705	-	32,413	-	-	69,118	-	208	15	6
Total		48,421	-	138,515	-	-	186,936	-	34	34	13
S.B.P. Coal Co. Strip Permit No. 147-7	Butler	24,931	-	7,596	-	-	32,527	-	158	18	1
Strip Permit No. 147-12	Butler	8,334	-	2,917	-	-	11,251	-	63	-	-
Strip Permit No. 147-13	Butler	5,858	-	-	-	-	5,858	-	35	-	-
Total		39,123	-	10,513	-	-	49,636	-	18	-	1
S & C Pipeline Co. Strip Permit No. 1291-3	Mercer	-	-	-	4,146	-	4,146	-	155	5	-
Strip Permit No. 1291-4	Mercer	-	-	-	4,662	-	4,662	-	-	-	-
Strip Permit No. 1291-5	Mercer	-	-	-	3,328	-	3,328	-	-	-	-
Total		-	-	-	12,136	-	12,136	-	155	5	-
Smith, Lester E. Strip Permit No. 1671-1	Butler	-	-	2,426	-	-	2,426	-	84	2	-
Sunbeam Coal Corp. Strip Permit No. 179-30	Butler	6,767	-	-	-	-	6,767	-	25	35	-
Strip Permit No. 179-31A	Butler	120,596	-	11,039	-	-	131,635	-	264	-	-
Strip Permit No. 179-32	Butler	-	-	-	-	-	12,980	-	37	-	-
Strip Permit No. 179-37	Butler	35,243	-	-	-	-	35,243	-	146	-	-
Total		175,586	-	11,039	-	-	186,625	-	35	-	-
Tiche Limestone & Construction Co. Strip Permit No. 207-2	Butler	-	-	-	710	-	710	-	288	6	-

District 30

		Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total		Total		Aver-	
				Locally		Produ-		Produ-		age	
				for		tion		tion		Days	
				Domestic		of Coal		of Coke		Worked	
				Purposes							
		By	By	Truck	By	Manu-	facture	of Coke	No.	Fatal	Non-
		Rail	Water			facture	of Coke		of Em-	acci-	fatal
									ployes	dents	dents
Operators and Mines		County									
West Freedom Mining Corp.											
Strip Permit No. 68-31(a)	Butler	-	-	-	-	-	-	-	223	3	-
Strip Permit No. 68-32	Butler	5,867	-	5,231	-	-	-	-	253	3	-
Strip Permit No. 68-34	Butler	3,570	-	5,065	-	-	-	-	290	5	-
Strip Permit No. 68-35	Butler	1,268	-	12,701	-	-	-	-	256	3	-
Strip Permit No. 68-36	Butler	13,706	-	5,684	-	-	-	-	298	4	-
Total		24,411	-	28,681	-	-	-	-	53,092	18	1
Western Hickory Coal Co.											
Strip Permit No. 152-11(a)	Butler	-	-	-	-	-	-	-	182	3	-
Strip Permit No. 152-12	Butler	-	-	45,668	-	-	-	-	297	10	-
Total		-	-	45,668	-	-	-	-	45,668	13	-
Willowbrook Mining Co.											
Strip Permit No. 130-6	Mercer	224,315	-	-	-	-	-	-	277	14	-
Wright, Grant R.											
Strip Permit No. 117-3(a)	Butler	-	-	20,562	-	-	-	-	306	14	-
Strip Permit No. 117-7	Butler	-	-	21,253	-	-	-	-			-
Total		-	-	41,815	-	-	-	-	41,815	14	-
Yates Brothers Coal Co.											
Strip Permit No. 1351-4	Butler	30,000	-	1,312	100	-	-	-	276	9	-
District Total		1,120,706	-	1,070,124	13,827	-	-	-	2,204,657	238	449
											20

NOTE: (a) Backfilled.
 * Men included with those at other operations, same company.
 ** Auger production and employees by contractor.

District 31[illegible]

District 31

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days of Em- ployes	Fatal acci- dents
		By Rail	By Water	By Truck	For Domestic Purposes	Locally for	Manu- facture of Coke				
Medusa Cement Co.	Lawrence	-	-	17,685	-	-	-	17,685	-	34	5
Strip Permit No. 360-1	Lawrence	-	-	-	-	-	-	-	-	-	1
Miller & McKnight Coal Co., Inc.	Lawrence	-	-	32,449	-	-	-	32,449	-	178	3
Strip Permit No. 240-18	Lawrence	-	-	26,102	-	-	-	26,102	-	114	3
Strip Permit No. 240-20	Lawrence	-	-	-	-	-	-	-	-	-	-
Total		-	-	58,551	-	-	-	58,551	-	6	-
Nastas, Nauncy	Beaver	-	-	16,425	-	-	-	16,425	-	216	3
Strip Permit No. 1787-1	Beaver	-	-	-	-	-	-	-	-	-	-
Perry Brothers Coal Co.	Lawrence	-	-	16,263	-	-	-	16,263	-	58	7
Strip Permit No. 72-15	Lawrence	-	-	-	-	-	-	-	-	-	-
Pittsburgh Refractories, Inc.	Lawrence	-	-	3,022	-	-	-	3,022	-	158	2
Strip Permit No. 495-2	Lawrence	-	-	-	-	-	-	-	-	-	-
Stefkovich Brothers, Inc.	Beaver	-	-	22,489	-	-	-	22,489	-	197	5
Special Project No. 325	Beaver	-	-	-	-	-	-	-	-	-	-
Thompson Mining Co.	Lawrence	-	-	58,367	-	-	-	58,367	-	364	11
Strip Permit No. 523-1	Lawrence	-	-	-	-	-	-	-	-	-	-
Veon, Inc., Ralph A.	Lawrence	-	-	141,157	4,100	-	-	145,257	-	303	8
Strip Permit No. 40-9	Lawrence	-	-	50,121	-	-	-	50,121	-	303	4
Strip Permit No. 40-16	Lawrence	-	-	46,541	-	-	-	46,541	-	303	8
Strip Permit No. 40-17	Lawrence	-	-	23,003	-	-	-	23,003	-	303	6
Strip Permit No. 40-19	Lawrence	-	-	51,610	-	-	-	51,610	-	303	10
Strip Permit No. 40-20	Lawrence	-	-	-	-	-	-	-	-	-	-
Total		-	-	312,432	4,100	-	-	316,532	-	36	3
Vetica Construction Co.	Beaver	-	-	38,316	-	-	-	38,316	-	286	6
Strip Permit No. 627-3	Beaver	-	-	-	-	-	-	-	-	-	-
Xecol Corp.	Beaver	-	-	91,510	34	-	-	91,544	-	308	19
Special Project No. 337	Beaver	-	-	-	-	-	-	-	-	-	-
District Total		146,725	-	1,059,118	27,842	-	-	1,233,685	-	254	204
		-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-

District 32

Apollo Corp., The	Washington	-	-	23,082	-	-	-	23,082	-	143	6
Strip Permit No. 1115-6	Washington	-	-	-	-	-	-	-	-	-	-
Armoni Co., M.C.	Washington	-	-	3,124	-	-	-	3,124	-	56	3
Strip Permit No. 948-1	Washington	-	-	-	-	-	-	-	-	-	-

District 32

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days of Worked	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	age of Em- ployes	Fatal acci- dents	No. Fatal acci- dents
Bologna Mining Co.	Washington	-	-	109,377	-	-	109,377	-	204	21	-
Strip Permit No. 248-19	Washington	-	-	-	-	-	-	-	73	*	-
Strip Permit No. 248-22(a)	Washington	-	-	35,961	-	-	35,961	-	180	14	-
Strip Permit No. 248-32	Washington	-	-	55,577	-	-	55,577	-	165	7	-
Strip Permit No. 248-33	Washington	-	-	41,948	-	-	41,948	-	160	4	-
Strip Permit No. 248-34	Washington	-	-	36,885	-	-	36,885	-	190	6	-
Special Project No. 25A	Washington	-	-	-	-	-	-	-	29	*	-
Special Project No. 381	Washington	-	-	279,748	-	-	279,748	-	52	-	-
Total		-	-	-	-	-	-	-	-	-	-
Casey Contracting Co., Inc., Robt. W.	Washington	-	-	8,800	-	-	8,800	-	140	2	-
Special Project No. 269	Washington	-	-	-	-	-	-	-	-	-	-
DMB Services	Washington	-	-	-	19,133	-	19,133	-	270	4	-
Strip Permit No. 1346-1	Washington	-	-	-	-	-	-	-	-	-	-
Dosse, Victor	Washington	-	-	9,679	-	-	9,679	-	14	4	-
Strip Permit No. 1264-1	Washington	-	-	9,926	-	-	9,926	-	78	-	-
Special Project No. 11	Washington	-	-	19,605	-	-	19,605	-	4	-	-
Total		-	-	-	-	-	-	-	-	-	-
Eighty Four Industries, Inc.	Washington	-	-	11,869	-	-	11,869	-	130	3	-
Strip Permit No. 809-7	Washington	-	-	-	-	-	-	-	-	-	-
Erna Equipment & Supply Co., Inc.	Washington	-	-	18,823	-	-	18,823	-	235	4	2
Strip Permit No. 634-3	Washington	-	-	58,947	-	-	58,947	-	236	12	-
Strip Permit No. 634-8	Washington	-	-	77,770	-	-	77,770	-	16	-	2
Total		-	-	-	-	-	-	-	-	-	-
Ewing, Charles W.	Washington	-	-	-	-	-	-	-	197	1	-
Strip Permit No. 309-5	Washington	-	-	-	-	-	-	-	-	-	-
Golden Flame Fuel Co.	Washington	-	-	9,069	-	-	9,069	-	148	7	-
Strip Permit No. 1141-8	Washington	-	-	-	-	-	-	-	-	-	-
Harasty, William	Washington	-	-	1,869	-	-	1,869	-	173	2	-
Special Project No. 369	Washington	-	-	-	-	-	-	-	-	-	-
Joki, R.W.	Washington	-	-	2,665	-	-	2,665	-	75	3	-
Special Project No. 147(b)	Washington	-	-	2,611	-	-	2,611	-	30	-	-
Special Project No. 375(b)	Washington	-	-	5,276	-	-	5,276	-	3	-	-
Total		-	-	-	-	-	-	-	-	-	-
Kuhar, Mike	Washington	-	-	8,111	-	-	8,111	-	167	2	-
Strip Permit No. 942-1	Washington	-	-	-	-	-	-	-	-	-	-
Marick, Inc.	Washington	-	-	1,269	-	-	1,269	-	68	6	-
Strip Permit No. 1594-1Refuse(b)	Washington	-	-	-	-	-	-	-	-	-	-

District 32

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total Production of Coal & Coke	Aver- age Days of Em- ployes Worked	Fatal acci- dents	Non- fatal acci- dents
		Shipped to Market		Coal Used		Coal					
		By Rail	By Water	By Truck	for Domestic Purposes	Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke			
Midway Coal Co. Strip Permit No. 1049-2,3,4,4A 6, 6A & 7	Washington	-	9,530	297,368	-	-	306,898	-	212	55	2
Mt. Thor Minerals, Inc. Strip Permit No. 1753-1 & 3	Washington	-	-	21,574	-	-	21,574	-	187	5	-
Pangersis Coal Co. Strip Permit No. 1304-1	Washington	-	-	115,389	-	-	115,389	-	179	10	-
Penweir Construction Co. Strip Permit No. 173-19	Washington	-	-	37,218	-	-	37,218	-	-	-	-
Strip Permit No. 173-21	Washington	-	-	3,386	-	-	3,386	-	189	42	4
Strip Permit No. 173-22	Washington	-	-	12,996	-	-	12,996	-	-	-	-
Total		-	-	53,600	-	-	53,600	-	42	42	4
Petricca, Eugene Strip Permit No. 480-1(a)	Washington	-	-	-	-	-	-	-	47	2	-
Piccolomini, William Strip Permit No. 159-22	Washington	-	29,204	-	-	-	29,204	-	191	16	-
Simpson, Robert L. Special Project No. 189	Washington	-	-	2,940	-	-	2,940	-	60	4	-
Stefkovich Brothers, Inc. Strip Permit No. 140-2	Washington	-	-	1,781	-	-	1,781	-	12	5	-
Twilight Industries. Strip Permit No. 1-86	Washington	-	-	41,384	-	-	41,384	-	170	12	-
Strip Permit No. 1-93	Washington	-	-	36,826	-	-	36,826	-	147	9	-
Total		-	-	78,210	-	-	78,210	-	21	21	-
Westmont Coal Co., Inc. Strip Permit No. 1775-1, 2 & 3	Washington	-	163,163	-	-	-	163,163	-	208	31	-
District Total		-	201,897	1,020,454	19,133	-	1,241,484	-	184	302	8

NOTE: (a) Backfilling.

(b) Information taken from monthly reports as no Annual Report was submitted.

* Men included with those at other operations, same company.

District 32A

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	Locally	for Domestic Purposes	Manu- facture of Coke	Coal	Production of Coal	Production of Coke	Age Days	Non- Fatal acci- dents
Operators and Mines											
Boyle Land & Fuel Co.	Washington	-	-	-	-	-	-	-	-	54	3
Strip Permit No. 966-1											
Britton, James W.	Washington	-	-	-	-	-	-	3,000	-	189	2
Strip Permit No. 1374-1											
Etna Equipment & Supply Co., Inc.	Washington	-	-	-	-	-	-	18,025	-	214	5
Strip Permit No. 634-4								51,769	-	208	5
Strip Permit No. 634-6	Washington	-	-	-	-	-	-	62,944	-	236	11
Strip Permit No. 634-7	Washington	-	-	-	-	-	-	12,735	-	64	3
Strip Permit No. 634-10	Washington	-	-	-	-	-	-	145,473	-	24	-
Total											
Friend Construction Co., H.J.	Washington	-	-	-	-	-	-	9,511	-	113	2
Strip Permit No. 1155-2											
Gysegem Enterprises, Inc.	Washington	-	-	-	-	-	-	-	-	40	2
Strip Permit No. 590-12(a)	Washington	-	-	-	-	-	-	-	-	100	-
Strip Permit No. 590-13(a)	Washington	-	-	-	-	-	-	-	-	20	-
Strip Permit No. 590-16(a)	Washington	-	-	-	-	-	-	-	-	-	-
Total											
I.S.C., Inc.	Washington	-	-	-	-	-	-	9,182	-	173	6
Strip Permit No. 1107-1											1
K.E.S. Enterprises, Inc.	Washington	-	-	-	-	-	-	7,931	-	39	6
Strip Permit No. 1139-1	Washington	-	-	-	-	-	-	36,333	-	244	-
Strip Permit No. 1139-3	Washington	-	-	-	-	-	-	44,264	-	-	-
Total											
Penn Sherman Corp.	Washington	-	-	-	-	-	-	-	-	50	2
Strip Permit No. 1134-1											
Penn-United Energies, Inc.	Washington	-	-	-	-	-	-	-	-	87	15
Strip Permit No. 1326-1(b)	Washington	-	-	-	-	-	-	-	-	56	-
Strip Permit No. 1419-1(b)	Washington	-	-	-	-	-	-	-	-	-	-
Total											
Rostovsky Coal Co., Joseph	Washington	-	-	-	-	-	-	8,630	-	128	3
Strip Permit No. 334-5	Washington	-	-	-	-	-	-	3,470	-	56	-
Strip Permit No. 334-6	Washington	-	-	-	-	-	-	12,100	-	-	3
Total											
Solomon & Teslovich/Steam Systems	Sales & Service	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-8	Washington	-	-	-	-	-	-	3,232	-	67	4
Solomon & Teslovich, Inc.	Washington	-	-	-	-	-	-	-	-	176	13
Strip Permit No. 1653-1	Washington	-	-	-	-	-	-	28,793	-	-	-

Production of Coal & Coke - Net Tons :

District 32B

(b) Reclamation work only.

155

District 32B

	County	Production of Coal & Coke - Net Tons										Non-fatal acci-	Fatal fatal
		Shipped to Market		Locally for Domestic Purposes		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke			
		By Rail	By Water	By Truck	By Locally	Used in Manufacture of Coke							
Operators and Mines													
Boyle Land & Fuel Co.													
Strip Permit No. 966-3	Greene	-	67,008	-	-	-	-	67,008	-	215	11	-	-
Strip Permit No. 966-4	Greene	-	26,750	-	-	-	-	26,750	-	214	15	-	-
Strip Permit No. 966-6	Greene	-	71,379	-	-	-	-	71,379	-	214	15	-	-
Total		-	165,137	-	-	-	-	165,137	-	26		-	-
Brooks, Charles E.													
Strip Permit No. 1876-1	Greene	-	-	3,479	-	-	-	3,479	-	113	1	-	-
C & J Coal Co.													
Strip Permit No. 1621-1	Greene	-	-	5,621	-	-	-	5,621	-	305	2	-	-
Chess Coal Co.													
Strip Permit No. 576-3	Greene	-	7,581	-	-	-	-	7,581	-	64	3	-	-
Strip Permit No. 576-5	Greene	-	6,868	-	-	-	-	6,868	-	91	1	-	-
Strip Permit No. 576-6	Greene	-	7,488	-	-	-	-	7,488	-	133	5	-	-
Total		-	21,937	-	-	-	-	21,937	-	8		-	-
Dragan & Son													
Strip Permit No. 1522-1	Greene	-	10,105	-	-	-	-	10,105	-	190	4	-	-
Strip Permit No. 1522-2	Greene	-	33,607	-	-	-	-	33,607	-	195	7	-	-
Total		-	43,712	-	-	-	-	43,712	-	11		-	-
Energy Resource Corp. of America													
Strip Permit No. 1242-2	Greene	-	-	25,757	-	-	-	25,757	-	157	11	-	-
Strip Permit No. 1242-3	Greene	-	-	58,248	-	-	-	58,248	-	156	19	-	-
Total		-	-	84,005	-	-	-	84,005	-	30		-	-
Filiaggi Coal Co.													
Strip Permit No. 178-13	Greene	-	-	23,618	-	-	-	23,618	-	82	9	-	-
Ford & Gaskill													
Strip Permit No. 139-3	Greene	-	-	3,857	-	-	-	3,857	-	104	20	-	-
Strip Permit No. 139-4	Greene	-	-	12,528	-	-	-	12,528	-	87	1	-	-
Strip Permit No. 139-4A	Greene	-	-	73,392	-	-	-	73,392	-	167	1	-	-
Strip Permit No. 139-5A	Greene	-	-	4,704	-	-	-	4,704	-	46	1	-	-
Strip Permit No. 139-6	Greene	-	-	20,853	-	-	-	20,853	-	156	1	-	-
Total		-	-	115,334	-	-	-	115,334	-	20		-	-
Genovese Coal Co.													
Strip Permit No. 244-20 & 20A	Greene	-	-	1,978	-	-	-	1,978	-	113	3	-	-
Jordan, Benjamin F.													
Strip Permit No. 664-4	Greene	-	-	4,557	-	-	-	4,557	-	145	1	-	-
Kelley Enterprises, Inc.													
Strip Permit No. 623-3	Greene	-	-	1,690	-	-	-	1,690	-	15	10	-	-

District 32B

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal accidents
		Shipped to Market		Locally Used Coal		Total Production of Coal		Total Production of Coke		Average Days Worked	No. of Employees	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke						
Laurita Trucking Co., Jerry Strip Permit No. 1288-3	Greene	-	-	2,000	-	-	2,000	-	35	**	-	-
Lawrence Coal Co.												
Strip Permit No. 1063-1	Greene	-	52,351	-	-	-	52,351	-	150	62)	-	-
Strip Permit No. 1063-2	Greene	-	24,036	-	-	-	24,036	-	136)	-	-
Strip Permit No. 1063-3	Greene	-	16,584	-	-	-	16,584	-	112)	-	-
Strip Permit No. 1063-4	Greene	-	20,458	-	-	-	20,458	-	115)	-	-
Total		-	113,429	-	-	-	113,429	-	62	-	-	-
Leeland development												
Strip Permit No. 1604-1	Greene	-	-	4,022	-	-	4,022	-	187	3	-	-
Myers Coal Co.												
Special Project No. 576	Greene	-	-	265	-	-	265	-	5	3	-	-
Nardel Contracting Co., Inc. Strip Permit No. 1359-4	Greene	-	-	107,661	-	-	107,661	-	250	25	-	1
Omi Energy Corp.												
Strip Permit No. 1391-1	Greene	-	-	35,926	-	-	35,926	-	180	7	-	-
R & S Coal Co.												
Strip Permit No. 1118-1	Greene	-	-	-	-	-	-	-	83	1	-	-
Rondell Co., The												
Strip Permit No. 511-15	Greene	-	-	97	-	-	97	-	10	3	-	-
Rumble Coal, Jim												
Strip Permit No. 1091-1(a)	Greene	-	-	-	-	-	-	-	20	4)	-	-
Strip Permit No. 1091-2(a)	Greene	-	-	-	-	-	-	-	30)	-	-
Strip Permit No. 1091-3(a)	Greene	-	-	-	-	-	-	-	18)	-	-
Special Project No. 501(b)	Greene	-	-	-	-	-	-	-	10)	-	-
Strip Permit No. 1091-586	Greene	-	-	30,143	-	-	30,143	-	82)	-	-
Total		-	-	30,143	-	-	30,143	-	4	-	-	-
Sperko, Robert												
Strip Permit No. 1667-1	Greene	-	-	7,548	-	-	7,548	-	197	1	-	-
Zavek, Inc.												
Strip Permit No. 1213-2	Greene	-	-	136,722	-	-	136,722	-	203	15	-	-
District Total		-	404,715	568,078	-	-	972,793	-	200	287	-	3

NOTE: (a) Restoration work only.
 (b) Pending Issuance of Mine Drainage Permit.
 * Men included with those at other operations, same company.
 ** Men included with those at other operations, same company, District 33A.

District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production		Total Production		Average	
		By Rail	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	of Coal	of Coke	Days	of Em- ployes	age	Fatal acci- dents
Ann Mineral Co.	Fayette	-	-	1,093	-	1,093	-	34	5	-	-
Strip Permit No. 1404-4											
Baker Coal Co.	Fayette	-	7,226	-	-	7,226	-	65	5	-	-
Strip Permit No. 1645-1											
Barnhart & Sons, Inc., S.E.	Fayette	-	18,395	-	-	18,395	-	105	4	-	-
Strip Permit No. 1829-2											
Strip Permit No. 1241-2(a)	Fayette	-	18,979	-	-	18,979	-	63	10	-	-
Total		-	37,374	-	-	37,374	-	14	-	-	-
Better Mining, Inc.	Fayette	-	5,997	-	-	5,997	-	125	4	-	-
Strip Permit No. 1220-3											
Strip Permit No. 1220-3(C)	Fayette	-	7,201	-	-	7,201	-	66	-	-	1
Total		-	13,198	-	-	13,198	-	4	-	-	1
Bologna Mining Co.	Fayette	-	4,639	-	-	4,639	-	172	8	-	-
Strip Permit No. 248-24											
Strip Permit No. 329-21	Fayette	-	1,349	-	-	1,349	-	35	-	-	-
Total		-	5,988	-	-	5,988	-	8	-	-	-
Brant Coal Co., Inc.	Fayette	-	43,811	-	-	43,811	-	182	13	-	-
Strip Permit No. 194-9											
Carbonara Coal Co.	Fayette	-	26,087	-	-	26,087	-	180	5	-	-
Strip Permit No. 550-14											
Chess Coal Co.	Fayette	-	-	-	-	-	-	4	3	-	-
Strip Permit No. 576-7, 8 & 9											
Coal Energies, Ltd.	Fayette	-	1,222	-	-	1,222	-	87	4	-	-
Strip Permit No. 941-1 Refuse											
Delta Mining, Inc.	Fayette	-	55,463	-	-	55,463	-	150	10	-	-
Strip Permit No. 1200-2											
E & J Contracting Co.	Fayette	-	68,017	-	-	68,017	-	235	6	-	-
Strip Permit No. 1202-2											
Eidemiller, Inc., Adam	Fayette	-	92,224	-	-	92,224	-	170	34	-	-
Strip Permit No. 578-37											
Strip Permit No. 578-39	Fayette	-	105,005	-	-	105,005	-	161	21	-	-
Strip Permit No. 578-40											
Total		-	198,685	-	-	198,685	-	12	*	-	-
Electro-Met Coal Co., Inc.	Fayette	-	4,507	-	-	4,507	-	61	4	-	-
Special Project No. 580											
Firestone Coal Corp.	Fayette	-	25,484	-	-	25,484	-	128	15	-	-
Strip Permit No. 1556-2											

District 33

		County	Production of Coal & Coke - Net Tons									
			Shipped to Market		Coal Used		Used in		Total		Aver- age Days of Coke Worked	Fatal acci- dents
			By Rail	By Water	By Truck	Domestic Purposes	for Manu- facture of Coke	Total Produc- tion of Coal	Produc- tion of Coke	No. of Em- ployes		
Operators and Mines												
Genovese Coal Co.		Fayette	-	-	1,714	-	-	1,714	-	137	1	-
Strip Permit No. 244-23 & 23A		Fayette	-	-	1,408	-	-	1,408	-	128	2	-
Strip Permit No. 244-30			-	-	3,122	-	-	3,122	-		3	-
Total												
Golden Flame Fuel Co.		Fayette	-	-	1,668	-	-	1,668	-	79	3	-
Strip Permit No. 1141-5												
Granbay Coal Co., Inc.		Fayette	-	-	124,214	-	-	124,214	-	193	14	-
Strip Permit No. 1769-1												
Hatalovich, George & William		Fayette	-	-	10,628	-	-	10,628	-	134	3	-
Strip Permit No. 1569-1(b)												
Hibbs & Myers Coal Co.		Fayette	-	-	4,500	-	-	4,500	-	125	3	-
Strip Permit No. 833-6												
Hill, William L.		Fayette	-	-	1,031	-	-	1,031	-	28	2	-
Strip Permit No. 457-3		Fayette	-	-	4,895	-	-	4,895	-	133		-
Strip Permit No. 457-4			-	-	5,926	-	-	5,926	-		2	-
Total												
Horwath Coal Co.		Fayette	-	-	6,005	-	-	6,005	-	146	1	-
Special Project No. 494												
Hosteller, Sam		Fayette	-	-	224	-	-	224	-	30	2	-
Special Project No. 607												
Hughes, Sherwood		Fayette	-	-	21,449	-	-	21,449	-	106	3	-
Strip Permit No. 1395-1												
J&B Coal Co.		Fayette	-	-	2,129	-	-	2,129	-	69	2	-
Strip Permit No. 1688-1												
Jebco Coal Co., Inc.		Fayette	-	45,000	-	-	-	45,000	-	270	9	-
Strip Permit No. 1219-2A												
Kaiser Refractories		Fayette	-	-	3,957	-	-	3,957	-	225	10	-
Strip Permit No. 390-1												
Kelley Enterprises, Inc.		Fayette	-	-	1,572	-	-	1,572	-	48	3	-
Special Project No. 434												
Kravetsky, Charles		Fayette	-	-	23,690	-	-	23,690	-	180	3	-
Strip Permit No. 1223-8												
Kutsenkow, George		Fayette	-	-	-	-	-	-	-	100	3	-
Strip Permit No. 412-6(c)												
Laurel Ridge Coal, Inc.		Fayette	-	-	36,118	-	-	36,118	-	102	26	-
Strip Permit No. 1337-3												
Strip Permit No. 1337-6		Fayette	-	-	69,129	-	-	69,129	-	138	25	-
Special Project No. 621			-	-	2,775	-	-	2,775	-	6	*	-
Total			-	-	108,022	-	-	108,022	-		51	-

District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons										
		Shipped to Market			Coal Used		Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents	Non-fatal Accidents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke						
Lawrence Coal Co.	Fayette	-	-	13,796	-	-	13,796	-	127	8	-	-
Strip Permit No. 1063-5												
Marsolino Coal & Coke, Inc.	Fayette	160,444	136,677	-	-	-	297,121	-	290	52	-	-
Strip Permit No. 71-25												
Menallen Coke Co.	Fayette	4,020	25,447	-	-	-	29,467	-	184	7	-	-
Strip Permit No. 281-7 & 8												
Minor, Walter Jr.	Fayette	-	-	2,820	50	-	2,870	-	128	2	-	-
Special Project No. 97												
Oak Run Coal, Inc.	Fayette	-	-	43,742	-	-	43,742	-	229	8	-	-
Strip Permit No. 863-8												
Oberlechner, Steve	Fayette	-	-	12,175	-	-	12,175	-	186	2	-	-
Strip Permit No. 1209-2 (b)												
Parnell, James	Fayette	-	-	13,717	-	-	13,717	-	106	3	-	-
Strip Permit No. 1587-3(b)												
Purco Coal, Inc.	Fayette	-	-	-	-	-	-	-	139	2	-	-
Strip Permit No. 413-8 (c)												
Strip Permit No. 413-9	Fayette	-	-	12,418	-	-	12,418	-	141	3	-	-
Strip Permit No. 413-11	Fayette	-	-	35,092	-	-	35,092	-	195	6	-	-
Strip Permit No. 413-12	Fayette	-	-	14,407	-	-	14,407	-	238	6	-	-
Strip Permit No. 413-13	Fayette	-	-	-	-	-	-	-	25	*	-	-
Strip Permit No. 413-14 (c)	Fayette	-	-	7,968	-	-	7,968	-	190	2	-	-
Strip Permit No. 413-15	Fayette	-	-	9,001	-	-	9,001	-	163	*	-	-
Strip Permit No. 413-16	Fayette	-	-	5,688	-	-	5,688	-	73	*	-	-
Strip Permit No. 413-17	Fayette	-	-	-	-	-	-	-	15	*	-	-
Auger-BAM-815	Fayette	-	-	312	-	-	312	-	6	3	-	-
Auger-BAM-824	Fayette	-	-	5,835	-	-	5,835	-	51	-	-	-
Total		-	-	90,721	-	-	90,721	-	22	-	-	-
R & R Contracting	Fayette	-	-	2,341	-	-	2,341	-	45	7	-	-
Strip Permit No. 1239-2												
Robbie Coal & Fuel, Inc.	Fayette	-	-	5,453	-	-	5,453	-	182	2	-	-
Special Project No. 491												
Special Project No. 578	Fayette	-	-	2,986	-	-	2,986	-	33	-	-	-
Total		-	-	8,439	-	-	8,439	-	2	-	-	-
Rondell Co., The	Fayette	-	-	882	-	-	882	-	37	3	-	-
Special Project No. 482												
Rose Coal Co., John C.	Fayette	-	-	6,790	-	-	6,790	-	180	2	-	-
Strip Permit No. 1066-1												

District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total Production of Coal		Average Age of Worked	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally	Manufacture of Coke	of Coal	of Coke	Days	Non-Fatal
Ruane Coal & Coke Co.	Fayette	-	-	4,151	-	-	-	4,151	-	116	3
Strip Permit No. 78-4 Snyder, Curtis	Fayette	-	-	920	-	-	-	920	-	34	2
Strip Permit No. 1585-2 Solomon & Teslovich	Fayette	-	37,443	-	-	-	-	37,443	-	187	13
Strip Permit No. 628-9(a)	Fayette	-	8,716	-	-	-	-	8,716	-	176	8
Strip Permit No. 628-12 & 12A	Fayette	-	46,159	-	-	-	-	46,159	-	-	21
Total											
Tedesco, William K.	Fayette	-	-	1,037	-	-	-	1,037	-	110	4
Strip Permit No. 329-21											
West Penn Coal & Construction Co.	Fayette	-	-	15,754	-	-	-	15,754	-	183	13
Strip Permit No. 581-13 & 14	Fayette	-	-	41,411	-	-	-	41,411	-	236	-
Strip Permit No. 581-15	Fayette	-	-	446	-	-	-	446	-	2	-
Strip Permit No. 628-13 (d)	Fayette	-	-	6,867	-	-	-	6,867	-	46	-
Special Project No. 527	Fayette	-	-	64,478	-	-	-	64,478	-	13	-
Total											
District Total		164,464	279,370	1,044,090	1,143	-	-	1,489,067	-	170	427
											2

NOTE: (a) Sub-contract from Indy-Penn Coal Company, Inc.
 (b) Information taken from monthly reports as no Annual Report was submitted.
 (c) Completing backfilling and seeding.
 (d) Sub-let from Solomon & Teslovich.
 * Men included with those at other operations, same company.

District 33A

Bartoni, John	Fayette	-	-	3,114	-	-	-	3,114	-	71	1	-
Special Project No. 480(a)												
Bartoni, Rocco	Fayette	-	-	312	-	-	-	312	-	44	1	-
Strip Permit No. 1427-1	Fayette	-	-	3,682	-	-	-	3,682	-	163	-	-
Strip Permit No. 1427-2	Fayette	-	-	3,994	-	-	-	3,994	-	-	1	-
Total												

District 33A

County	Production of Coal & Coke - Net Tons										Total	Fatal fatal	Non-		
	Shipped to Market			Coal Used			Total			Aver-					
	By Rail	By Water	By Truck	Locally for Domestic Purposes of Coke	Locally for Manufacture of Coke	Produced in State	Produced in State	Produced in State	age						
Operators and Mines															
Bartoni Coal Co.	Strip Permit No. 410-8 (A2)	-	-	873	-	-	-	-	-	873	-	71	1)	-	-
	Strip Permit No. 410-9	-	-	245	-	-	-	-	-	245	-	45	-	-	-
	Strip Permit No. 410-9C	-	-	3,424	-	-	-	-	-	3,424	-	88	-	-	-
	Total	-	-	4,542	-	-	-	-	-	4,542	-	1	-	-	-
Bortz Coal Co.	Strip Permit No. 456-10	-	-	7,081	-	-	-	-	-	7,081	-	124	3)	-	-
	Strip Permit No. 456-12	-	-	9,841	-	-	-	-	-	9,841	-	80	-	-	-
	Total	-	-	16,922	-	-	-	-	-	16,922	-	3	-	-	-
Brooks, Harold G.	Strip Permit No. 1163-1	-	-	1,083	-	-	-	-	-	1,083	-	50	2	-	-
	Carbonara Coal Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 550-10	-	12,125	-	-	-	-	-	-	12,125	-	180	4	-	-
	Special Project No. 500	-	1,579	-	-	-	-	-	-	1,579	-	60	2	-	-
Total	-	13,704	-	-	-	-	-	-	-	13,704	-	6	-	-	-
Chess Coal Co.	Strip Permit No. 576-4	-	20,864	-	-	-	-	-	-	20,864	-	212	4	-	-
	Cicconi, Attilio	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1694-1	-	-	20,721	781	-	-	-	-	21,502	-	190	14	-	-
	Columbia Coal Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal Processing Equipment, Inc.	Strip Permit No. 1626-1	-	-	20,652	-	-	-	-	-	20,652	-	268	13	-	-
	Strip Permit No. 1386-1	-	-	45	-	-	-	-	-	45	-	1	2	-	-
	Eberhart Coal Co., Ray Jr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1398-1	-	-	14,663	-	-	-	-	-	14,663	-	191	6	-	-
Gaggiari, Fred	Strip Permit No. 1633-1	-	-	669	-	-	-	-	-	669	-	66	1)	-	-
	Strip Permit No. 1633-2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Total	-	-	669	-	-	-	-	-	669	-	1	-	-	-
Genovese Coal Co.	Strip Permit No. 244-18	-	-	-	-	-	-	-	-	-	-	60	2	-	-
	Strip Permit No. 244-21	-	-	1,508	-	-	-	-	-	1,508	-	181	4	-	-
	Strip Permit No. 244-25	-	-	-	-	-	-	-	-	-	-	18	*	-	-
	Strip Permit No. 244-29	-	-	1,524	-	-	-	-	-	1,524	-	111	*	-	-
Total	-	-	3,032	-	-	-	-	-	-	3,032	-	6	-	-	-
Gillis, Walter L.	Strip Permit No. 1789-1	-	-	-	-	-	-	-	-	11,000	-	140	3	-	-

District 33A

	Operators and Mines	County	Production of Coal & Coke - Net Tons									
			Shipped to Market		Coal Used		Used in		Total		Aver- age Days of Em- ploy- ment	Fatal fatal acci- dents per 100 men employed
			By Rail	By Water	By Truck	Locally for Domestic Purposes	for Manufacture of Coke	Production of Coal of Coke	Production of Coke	Days of Em- ploy- ment		
	Grigas & Ryan Coal Co.	Fayette	-	-	24,596	-	-	24,596	-	22	7)	-
	Strip Permit No. 1385-1	Fayette	-	-	-	-	-	-	-	123)	-
	Strip Permit No. 1385-2	Fayette	-	-	-	-	-	-	-	23)	-
	Strip Permit No. 1385-4	Fayette	-	-	-	-	-	-	-	-	-	-
	Total		-	-	24,596	-	-	24,596	-	7	-	-
	J & B Coal Co.	Fayette	-	-	5,600	-	-	5,600	-	116	3	-
	Strip Permit No. 1688-2	Fayette	-	-	-	-	-	-	-	-	-	-
	Kendi & Sons, Inc., Paul W.	Fayette	-	-	11,916	-	-	11,916	-	68	4	-
	Strip Permit No. 570-8	Fayette	-	-	-	-	-	-	-	-	-	-
	Krulock, Steve	Fayette	-	-	490	-	-	490	-	75	1	-
	Strip Permit No. 345-2	Fayette	-	-	-	-	-	-	-	-	-	-
	Laurita Trucking Co., Jerry	Fayette	-	-	790	-	-	790	-	136	3	-
	Strip Permit No. 1288-1	Fayette	-	-	-	-	-	-	-	-	-	-
	Lavery, Elzie E.	Fayette	-	-	930	50	-	980	-	123	1	-
	Strip Permit No. 1692-1	Fayette	-	-	-	-	-	-	-	-	-	-
	Luzerne Coal Corp.	Fayette	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 750-6, 8, 12, 15,	Fayette	-	-	-	-	-	-	-	-	-	-
	19, 20, 21, 22, 23, 24, 27, 30, 31,	Fayette	-	-	-	-	-	-	-	-	-	-
	32, 33 & 34	Fayette	-	-	433,807	-	-	433,807	-	204	101	-
	Marsolino Coal & Coke, Inc.	Fayette	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 71-26	Fayette	-	-	10,501	-	-	10,501	-	71	12	-
	Medved Mining Co.	Fayette	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1709-1, 2, 3 & 4	Fayette	-	-	12,159	-	-	12,159	-	198	2	-
	Pontorero & Sons Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 237-10C	Fayette	-	-	2,405	-	-	2,405	-	60	4	-
	Strip Permit No. 237-12	Fayette	-	-	28,254	-	-	28,254	-	225	4	-
	Total		-	-	30,659	-	-	30,659	-	8	-	-
	Puskar, John	Fayette	-	-	450	500	-	950	-	190	1	-
	Strip Permit No. 424-1	Fayette	-	-	-	-	-	-	-	-	-	-
	Richter Trucking Co.	Fayette	-	-	12,565	-	-	12,565	-	216	2	-
	Strip Permit No. 1463-1 & 2	Fayette	-	-	-	-	-	-	-	-	-	-
	Rondell Co., The	Fayette	-	-	-	-	-	-	-	126	2	-
	Strip Permit No. 511-14	Fayette	-	-	-	-	-	-	-	-	-	-
	Rostovsky Coal Co., Joseph	Fayette	-	-	400	-	-	400	-	5	3	-
	Strip Permit No. 334-8	Fayette	-	-	-	-	-	-	-	-	-	-

District 33A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Fatal Accidents
Ruane Arnold Coal Co.	Payette	-	-	2,139	-	-	2,139	-	95	3)	-
Strip Permit No. 589-1(A2)	Payette	-	-	7,524	-	-	7,524	-	117)	-
Strip Permit No. 589-1(A3)	Payette	-	601	-	-	-	601	-	31	4)	-
Strip Permit No. 589-2(A5)	Payette	-	7,583	-	-	-	7,583	-	194)	-
Strip Permit No. 589-2(A6)	Payette	-	2,682	-	-	-	2,682	-	31	3)	-
Strip Permit No. 589-3(A2)	Payette	-	7,917	-	-	-	7,917	-	205)	-
Strip Permit No. 589-3(A3)	Payette	-	1,410	-	-	-	1,410	-	56	3)	-
Strip Permit No. 589-4	Payette	-	1,793	-	-	-	1,793	-	60)	-
Strip Permit No. 589-4(A)	Payette	-	21,986	9,663	-	-	31,649	-	13)	-
Total		-	-	-	-	-	-	-	-	-	-
Rush Coal Co., Inc.	Payette	-	-	1,804	-	-	1,804	-	80	7)	-
Strip Permit No. 1891-1	Payette	-	-	5,436	-	-	5,436	-	180)	-
Special Project No. 266	Payette	-	-	7,240	-	-	7,240	-	7)	-
Total		-	-	-	-	-	-	-	-	-	-
S.D.S. Construction Co., Inc.	Payette	-	-	6,488	-	-	6,488	-	59	9)	-
Strip Permit No. 1530-2(A)	Payette	-	-	6,373	-	-	6,373	-	44)	-
Strip Permit No. 1530-3	Payette	-	-	33,891	-	-	33,891	-	95)	-
Strip Permit No. 1530-5	Payette	-	-	46,752	-	-	46,752	-	9)	-
Total		-	-	-	-	-	-	-	-	-	-
Sager Coal Co.	Payette	-	32,641	-	-	-	32,641	-	96	15	-
Strip Permit No. 1150-1	Payette	-	-	-	-	-	-	-	105	2	-
Snyder, Curtis	Payette	-	-	-	-	-	-	-	189	5)	-
Strip Permit No. 1585-1	Payette	-	-	9,454	-	-	9,454	-	160)	-
Soberdash Coal & Coke Co.	Payette	-	-	2,307	-	-	2,307	-	104)	-
Strip Permit No. 111-52	Payette	-	-	-	-	-	-	-	10)	-
Strip Permit No. 111-53 & 53A	Payette	-	-	-	-	-	-	-	5)	-
Strip Permit No. 111-56	Payette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1855-5	Payette	-	-	11,761	-	-	11,761	-	5)	-
Total		-	-	-	-	-	-	-	-	-	-
Solomon & Teslovich	Payette	-	-	5,895	-	-	5,895	-	64	4	-
Strip Permit No. 628-17	Payette	-	-	-	5,587	-	5,587	-	164	1	-
Sperko, Joseph	Payette	-	-	-	-	-	-	-	213	2	-
Strip Permit No. 1794-1	Payette	-	-	1,953	-	-	1,953	-	98	1	-
Swengish Coal Co.	Payette	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1293-1	Payette	-	-	-	-	-	-	-	-	-	-
Villa Coal Co.	Payette	-	-	-	3,572	-	3,572	-	-	-	-
Strip Permit No. 1549-1	Payette	-	-	-	-	-	-	-	-	-	-

District 33A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in Manu-		Total Produc-		Total	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	for Manufacture of Coke	of Coal	tion of Coal	age of Coke	Days of Worked	Non-Fatal acci-
											idents
Vothofer, Edward V. Jr. Strip Permit No. 1693-1	Fayette	-	-	1,970	-	-	1,970	-	72	1	-
Wingrove Mining, Inc. Strip Permit No. 1716-1 & 2	Fayette	-	-	12,936	-	-	12,936	-	175	3	-
District Total		11,000	545,662	276,003	10,490	-	843,155	-	178	276	3

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

* Men included with those at other operations, same company.

District 34

Aloe Coal Co. Strip Permit No. 35-2, 2A, 8, 9, 11, 12, 12A, 13, 14 & 15	Allegheny	-	148,534	145,646	-	-	294,180	-	237	76	8
Amore Companies, Inc. Special Project No. 530	Allegheny	-	59,547	-	-	-	59,547	-	160	20	-
Ansell, Earl Strip Permit No. 288-1	Westmoreland	-	-	-	2,416	-	2,416	-	94	2	-
Apex Co., Inc. Strip Permit No. 497-3(A2)	Allegheny	-	-	14,241	64	-	14,305	-	212	5	-
B & G Coal Co., Inc. Strip Permit No. 1455-1	Allegheny	-	-	1,404	-	-	1,404	-	83	1	-
Big Break Mining Co. Strip Permit No. 887-2	Allegheny	-	-	11,700	-	-	11,700	-	160	11	-
Bituminous Processing Co., Inc. Strip Permit No. 994-1 Refuse	Westmoreland	-	-	3,176	-	-	3,176	-	213	6	-
Bologna Mining Co. Special Project No. 600	Allegheny	-	-	2,459	-	-	2,459	-	72	3	-
Brown Coal Co., Inc., C.W. Strip Permit No. 273-5	Westmoreland	-	-	26,496	-	-	26,496	-	133	3	-
Central States Coal Co., Inc. Special Project No. 303	Allegheny	-	-	2,313	-	-	2,313	-	85	5	-
D. C. Industries, Inc. Strip Permit No. 1735-1	Westmoreland	-	-	-	2,000	-	2,000	-	103	3	-

District 34

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market	By Rail	By Water	By Truck	Purposes of Coal	Locally Manufactured	Domestic	Total Production of Coal	Total Production of Coke	Average Days of Worked
Daset Mining Corp.	Allegheny	-	-	-	310	-	-	-	310	-	62
Strip Permit No. 1551-5											2
Deep Valley Coal Co., Inc.	Allegheny	-	-	-	-	-	-	-	-	-	4
Strip Permit No. 1129-1											6
Strip Permit No. 1129-4	Allegheny	-	-	-	2,978	-	-	-	2,978	-	61
Strip Permit No. 1129-4	Allegheny	-	-	-	2,727	-	-	-	2,727	-	68
Special Project No. 511	Allegheny	-	-	-	5,705	-	-	-	5,705	-	4
Total											
Dependable Coal & Construction Co.	Allegheny	-	-	-	8,461	-	-	-	8,461	-	270
Strip Permit No. 1609-1											7
Diamond Fuel Co.	Allegheny	-	-	-	-	-	-	-	-	-	210
Strip Permit No. 555-162(a)											3
Duquesne Slag Products Co.	Allegheny	-	-	-	1,871	-	-	-	1,871	-	82
Strip Permit No. 373											9
E & J Contracting Co.	Westmoreland	-	-	-	30,489	-	-	-	30,489	-	204
Strip Permit No. 1202-4A											4
Eidemiller, Inc., Adam	Westmoreland	-	-	-	-	-	-	-	-	-	38
Strip Permit No. 578-2											18
Strip Permit No. 578-32	Westmoreland	-	-	-	-	-	-	-	-	-	128
Strip Permit No. 578-33	Westmoreland	-	-	-	-	-	-	-	-	-	43
Strip Permit No. 578-35	Westmoreland	-	-	-	-	-	-	-	-	-	171
Strip Permit No. 578-36	Westmoreland	-	-	-	104,683	-	-	-	104,683	-	38
Total											
Fello, Thomas A.	Westmoreland	-	-	-	-	-	-	-	-	-	124
Strip Permit No. 572-10											3
Felton Enterprises, Inc.	Westmoreland	-	-	-	1,463	-	-	-	1,463	-	21
Special Project No. 623											2
Fleck Coal Co.	Allegheny	-	-	-	10,146	-	-	-	10,146	-	65
Strip Permit No. 508											3
Gary-John Associates	Westmoreland	-	-	-	50,789	2,500	-	-	53,289	-	235
Strip Permit No. 1528-1											3
Golden Flame Fuel Co.	Westmoreland	-	-	-	-	-	-	-	-	-	91
Strip Permit No. 1141-2	Westmoreland	-	-	-	5,002	-	-	-	5,002	-	46
Strip Permit No. 1141-4	Westmoreland	-	-	-	5,002	-	-	-	5,002	-	4
Total											
Gorr, Richard	Westmoreland	-	-	-	-	-	-	-	-	-	93
Strip Permit No. 959-1(AZ)											2
Green, Inc., Walter	Westmoreland	-	-	-	18,313	-	-	-	18,313	-	224
Strip Permit No. 250-10											3

District 34

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in Coal		Total Production of Coal		Total Production of Coke		Aver- age No. Days of Em- ploy- ment	
		By Rail	By Water	By Truck	For Domestic Purposes	Manu- facture of Coke					
Green, Inc., Walter (continued)	Westmoreland	-	-	6,325	-	-	6,325	-	120	4	-
Strip Permit No. 250-11	Westmoreland	-	-	24,638	-	-	24,638	-	-	7	-
Total											
Holiday Constructors	Westmoreland	-	-	211,802	-	-	211,802	-	190	22	-
Strip Permit No. 1216-4(A2&3)	Westmoreland	-	-	24,840	-	-	24,840	-	159	11	-
Strip Permit No. 1216-5	Westmoreland	-	-	236,642	-	-	236,642	-	-	33	-
Total											
Johnson The Florist	Westmoreland	-	-	-	1,500	-	1,500	-	20	1	-
Special Project No. 218	Westmoreland	-	-	-	-	-	-	-	-	-	-
Kendi & Sons, Inc., Paul W.	Westmoreland	-	-	22,758	-	-	22,758	-	120	3	-
Strip Permit No. 570-5	Westmoreland	-	-	4,855	-	-	4,855	-	73	*	-
Strip Permit No. 570-6	Westmoreland	-	-	23,601	-	-	23,601	-	160	4	-
Strip Permit No. 570-7	Westmoreland	-	-	51,214	-	-	51,214	-	-	7	-
Total											
L & A Coal Co., Inc.	Westmoreland	-	-	-	2,248	-	2,248	-	49	3	-
Strip Permit No. 1909-1	Westmoreland	-	-	-	-	-	-	-	-	-	-
Maceral Corp.	Allegheny	-	-	4,841	-	-	4,841	-	160	6	-
Strip Permit No. 1850-1	Allegheny	-	-	-	-	-	-	-	-	-	-
Manges, Lloyd	Westmoreland	-	-	3,700	-	-	3,700	-	135	1	-
Strip Permit No. 1874-2	Westmoreland	-	-	-	-	-	-	-	-	-	-
McGal Coal Co., Inc.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1847-1	Allegheny	-	11,557	-	-	-	11,557	-	181	6	-
Strip Permit No. 1847-2 & 3	Allegheny	-	5,655	-	-	-	5,655	-	-	-	-
Total			17,212	-	-	-	17,212	-	-	6	-
McGill, John C.	Westmoreland	-	-	3,000	-	-	3,000	-	250	1	-
Special Project No. 533	Westmoreland	-	-	-	-	-	-	-	-	-	-
Mikel, Edward	Westmoreland	-	-	35,849	-	-	35,849	-	184	6	-
Strip Permit No. 631-7	Westmoreland	-	-	-	-	-	-	-	-	-	-
Miller, Nelson L. Jr.	Westmoreland	-	-	420	-	-	420	-	7	1	-
Strip Permit No. 1379-1	Westmoreland	-	-	-	-	-	-	-	-	-	-
Morcoal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1189-1	Westmoreland	-	-	-	-	-	-	-	10	3	-
Special Project No. 506	Westmoreland	-	-	1,328	-	-	1,328	-	134	-	-
Total				1,328	-	-	1,328	-	-	3	-
O'Brien & Son, Inc. William H.	Westmoreland	-	-	270	-	-	270	-	8	3	-
Strip Permit No. 1674-1	Westmoreland	-	-	-	-	-	-	-	-	-	-
Overly, L.W.	Westmoreland	-	-	90	-	-	90	-	10	4	-
Strip Permit No. 260-12	Westmoreland	-	-	-	-	-	-	-	-	-	-

District 34

	County	Production of Coal & Coke - Net Tons										Non-Fatal accidents	Fatal accidents
		Shipped to Market			Total Production of Coal								
		By Rail	By Water	By Truck	Locally Used in Manufacture of Coke	Domestic Purposes	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees			
Operators and Mines OVERLY, L. W. (continued)	Westmoreland	-	-	8,054	-	-	8,054	-	78	-	-	-	-
Strip Permit No. 260-15	Westmoreland	-	-	8,144	-	-	8,144	-	-	4	-	-	-
Total													
Overly Coal Co., Walter	Westmoreland	-	-	12,100	-	-	12,100	-	140	5	-	-	-
FMBP Coal													
Strip Permit No. 1345-1	Westmoreland	-	-	-	-	-	-	-	37	-	-	-	-
Strip Permit No. 1345-2	Westmoreland	3,005	-	10,825	-	-	13,830	-	212	5	-	-	-
Total		3,005	-	10,825	-	-	13,830	-	-	5	-	-	-
Penn Aggregates													
Strip Permit No. 876-1A(b)	Westmoreland	-	-	22,878	-	-	22,878	-	94	9	-	-	-
Penn Lear Development Corp.													
Special Project No. 570	Allegheny	-	-	950	-	-	950	-	20	2	-	-	-
Petricca, Eugene													
Special Project No. 471	Allegheny	-	-	691	-	-	691	-	186	2	-	-	-
R.A.S. Excavating Co.													
Strip Permit No. 1731-1 & 2	Allegheny	-	-	36,993	-	-	36,993	-	198	6	-	-	-
R.J.R. Coal & Construction Co.													
Strip Permit No. 1501-2	Westmoreland	-	-	2,231	-	-	2,231	-	20	2	-	-	-
Special Project No. 552	Westmoreland	-	-	5,315	-	-	5,315	-	97	-	-	-	-
Total		-	-	7,546	-	-	7,546	-	-	2	-	-	-
Robinson, Alice K.													
Strip Permit No. 1258-1(A2)&2	Westmoreland	-	-	94,051	-	-	94,051	-	180	8	-	-	-
Rondeil Co., The													
Strip Permit No. 511-12	Westmoreland	-	-	64,837	-	-	64,837	-	219	7	-	-	-
Rosini's, Inc.													
Strip Permit No. 568-6	Allegheny	-	-	40,888	-	-	40,888	-	149	4	-	-	-
Slate Construction Co., Inc.													
Strip Permit No. 1818-2	Westmoreland	-	-	-	1,908	-	-	1,908	45	6	-	-	-
Solomon & Teslovich													
Strip Permit No. 628-14	Westmoreland	-	-	34,546	-	-	34,546	-	211	7	-	-	-
Strip Permit No. 628-15	Westmoreland	-	-	14,463	-	-	14,463	-	122	6	-	-	-
Strip Permit No. 628-16	Westmoreland	-	-	1,111	-	-	1,111	-	82	2	-	-	-
Strip Permit No. 628-18	Allegheny	-	-	-	-	-	-	-	3	3	-	-	-
Strip Permit No. 628-21	Westmoreland	-	-	8,027	-	-	8,027	-	48	-	-	-	-
Total		-	-	58,147	-	-	58,147	-	-	18	-	-	-
Sosko, Eugene													
Special Project No. 571	Westmoreland	-	-	-	400	-	-	400	90	1	-	-	-

Operators and Mines		Production of Coal & Coke - Net Tons										Non-fatal acci- dents
		Shipped to Market			Coal Used		Coal		Total		Total	
By	By	By	By	By	By	By	By	By	By	By	By	By
Rail	Water	Truck	Purposes	Domestic	Manu- facture	of Coke	of Coal	of Coal	of Coke	of Coal	of Coke	of Coal
Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-
Westmoreland	735	-	3,689	-	-	-	4,424	-	-	141	-	-
Total	735	-	3,689	-	-	-	4,424	-	-	2	-	-
Westmoreland	-	-	4,799	-	-	-	4,799	-	-	60	5	-
Allegheny	-	-	880	-	-	-	880	-	-	6	3	-
Westmoreland	-	-	2,039	-	-	-	2,039	-	-	43	3	-
Allegheny	-	-	-	-	-	-	-	-	-	22	-	-
Westmoreland	-	-	1,362	-	-	-	1,362	-	-	18	-	-
Total	-	-	3,401	-	-	-	3,401	-	-	3	-	-
Allegheny	-	-	276	-	-	-	276	-	-	39	2	-
Westmoreland	-	-	62,732	-	-	-	62,732	-	-	180	15	-
Westmoreland	-	-	1,410	-	-	-	1,410	-	-	78	2	-
Westmoreland	-	-	8,232	155	-	-	8,387	-	-	153	2	-
Allegheny	-	-	13,369	-	-	-	13,369	-	-	188	5	-
Westmoreland	-	-	-	-	-	-	-	-	-	30	4	-
Westmoreland	-	-	2,159	-	-	-	2,159	-	-	85	-	-
Allegheny	-	-	650	-	-	-	650	-	-	80	-	-
Total	-	-	2,809	-	-	-	2,809	-	-	4	-	-
District Total	3,740	225,293	1,239,442	21,652	-	-	1,490,127	-	-	170	419	-

NOTE:

- (a) Backfilling and grading.
- (b) Information taken from monthly reports as no Annual Report was submitted.

* Men included with those at other operations, same company.

District 34A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Age of Worked Mines	No. of Fatal Accidents	Non-Fatal Accidents
Ankeny, Donald	Westmoreland	-	-	2,119	-	-	2,119	-	180	4	-
Strip Permit No. 287-11											
Avonmore Enterprises	Westmoreland	-	-	8,555	-	-	8,555	-	68	3	-
Strip Permit No. 1558-1											
Special Project No. 536	Westmoreland	-	-	5,319	-	-	5,319	-	53	1	-
Total		-	-	13,874	-	-	13,874	-		4	-
Barrier, William V. Jr.	Westmoreland	-	-	-	-	-	-	-	20	2	-
Strip Permit No. 1901-1											
Bender Coal Co., E.P.	Westmoreland	-	-	3,000	-	-	3,000	-	84	4	-
Strip Permit No. 593-18											
Ben Franklin Coal Co.	Westmoreland	-	-	800	-	-	800	-	40	3	-
Special Project No. 553											
Bentley Coal Co., Inc.	Westmoreland	-	-	14,797	-	-	14,797	-	177	8	-
Strip Permit No. 938-11											
Strip Permit No. 938-11A	Westmoreland	-	-	44,146	-	-	44,146	-	177	-	-
Strip Permit No. 938-14A	Westmoreland	-	-	6,049	-	-	6,049	-	102	-	-
Strip Permit No. 938-12	Westmoreland	-	-	56,555	-	-	56,555	-	177	11	-
Strip Permit No. 938-13	Westmoreland	-	-	18,173	-	-	18,173	-	177	-	-
Total		-	-	139,720	-	-	139,720	-		19	-
Brown Coal Co., Inc., C.W.	Westmoreland	-	-	56,124	-	-	56,124	-	242	14	-
Strip Permit No. 273-4(A1,2,3)											
C.F.S.C., Inc.	Westmoreland	-	-	11,572	-	-	11,572	-	178	5	-
Strip Permit No. 1886-1											
Cratty, Gowen & Hyde, Inc.	Westmoreland	-	-	-	-	-	-	-	30	2	-
Strip Permit No. 1519-1											
Darmac Coal, Inc.	Westmoreland	-	-	104,247	-	-	104,247	-	267	11	-
Strip Permit No. 1600-6											
Don's Excavating	Westmoreland	-	-	1,000	-	-	1,000	-	160	2	-
Special Project No. 435											
Dunn, Alfred	Westmoreland	-	-	-	-	-	-	-	64	2	-
Strip Permit No. 491-1											
E & J Contracting Co.	Westmoreland	-	-	1,660	-	-	1,660	-	105	2	-
Strip Permit No. 1202-3											
Strip Permit No. 1202-10	Westmoreland	-	-	6,445	-	-	6,445	-	114	3	-
Special Project No. 449	Westmoreland	-	-	8,718	-	-	8,718	-	130	3	-
Total		-	-	16,823	-	-	16,823	-		8	-

District 34A

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-Fatal acci-
		Shipped to Market		Coal Used		Total Production		Total Production		Average		
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manufacture of Coke	of Coal	of Coke	Days of Worked	No. Fatal		
Loyal Creek Coal Co.	Westmoreland	-	-	3,167	-	-	-	3,167	-	104	4	-
Strip Permit No. 1811-1												
M & S Mining, Inc.	Westmoreland	-	-	5,741	18	-	-	5,741	-	120	4	-
Strip Permit No. 1001-2												
Mac-Mar, Inc.	Westmoreland	-	-	2,829	-	-	-	2,829	-	40	4	-
Strip Permit No. 1761-1												
Manges, Lloyd	Westmoreland	-	-	1,858	-	-	-	1,858	-	135	1	-
Special Project No. 495	Westmoreland	-	-	842	-	-	-	842	-	-	-	-
Auger-BAN-879	Westmoreland	-	-	2,700	-	-	-	2,700	-	-	1	-
Total												
Milrock Mining, Inc.	Westmoreland	-	-	36,315	-	-	-	36,315	-	179	6	-
Strip Permit No. 1721-3												
Negley Coal Co.	Westmoreland	-	-	1,699	-	-	-	1,699	-	120	2	-
Strip Permit No. 1467-3												
North Cambria Fuel Co.	Westmoreland	6,839	-	2,813	-	-	-	9,652	-	38	11	-
Strip Permit No. 10-38	Westmoreland	62,821	-	-	-	-	-	62,821	-	183	-	-
Strip Permit No. 10-45	Westmoreland	9,438	-	-	-	-	-	9,438	-	86	-	-
Strip Permit No. 10-48	Westmoreland	796	-	-	-	-	-	796	-	19	-	-
Special Project No. 551	Westmoreland	79,894	-	2,813	-	-	-	82,707	-	11	-	-
Total												
Old Home Manor, Inc.	Westmoreland	-	-	-	-	-	-	-	-	74	*	-
Strip Permit No. 615-7	Westmoreland	-	-	1,843	-	-	-	1,843	-	60	*	-
Strip Permit No. 615-13	Westmoreland	-	-	30,652	-	-	-	30,652	-	155	7	-
Strip Permit No. 615-17	Westmoreland	-	-	4,547	-	-	-	4,547	-	95	*	-
Strip Permit No. 615-21	Westmoreland	-	-	-	-	-	-	-	-	58	*	-
Strip Permit No. 615-24	Westmoreland	-	-	48,567	-	-	-	48,567	-	180	3	-
Strip Permit No. 615-34	Westmoreland	-	-	39,995	-	-	-	39,995	-	111	6	-
Strip Permit No. 615-35	Westmoreland	-	-	3,727	-	-	-	3,727	-	131	5	-
Strip Permit No. 615-42	Westmoreland	-	-	9,200	-	-	-	9,200	-	131	4	-
Strip Permit No. 615-44	Westmoreland	-	-	138,531	-	-	-	138,531	-	25	-	1
Total												
Patrick, Richard	Westmoreland	-	-	27,354	-	-	-	27,354	-	190	9	-
Strip Permit No. 1699-2												
Paulisick, Robert M.	Westmoreland	-	-	2,245	-	-	-	2,245	-	151	2	-
Strip Permit No. 1446-1												
Piccolomini, William	Westmoreland	-	-	1,617	-	-	-	1,617	-	59	5	-
Strip Permit No. 159-18												

	County	Production of Coal & Coke - Net Tons										Non-Fatal acci-
		Shipped to Market		Coal Used		Used in		Total		Aver-		
		By Rail	By Water	By Truck	For Domestic Purposes	Locally for	Manufacture of Coke	Production of Coal	Production of Coke	Days of Worked	age	No. Fatal acci-
Operators and Mines												
Piccolomini, William (continued)	Westmoreland	-	-	4,006	-	-	-	4,006	-	52	-	-
Strip Permit No. 159-19	Westmoreland	-	-	1,194	-	-	-	1,194	-	37	-	-
Strip Permit No. 159-20	Westmoreland	-	-	6,817	-	-	-	6,817	-	-	5	-
Total												
Polar Coal Co.	Westmoreland	2,693	-	-	-	-	-	2,693	-	63	8)	-
Strip Permit No. 597-5	Westmoreland	4,489	-	-	-	-	-	4,489	-	41	-	-
Strip Permit No. 597-6	Westmoreland	6,121	-	-	-	-	-	6,121	-	65	1)	-
Auger-BAM-814	Westmoreland	1,332	-	-	-	-	-	1,332	-	25	-	-
Auger-BAM-821	Westmoreland	14,635	-	-	-	-	-	14,635	-	-	9	-
Total												
R.J.R. Coal & Construction Co.	Westmoreland	-	-	2,138	-	-	-	2,138	-	54	2	-
Strip Permit No. 1888-1	Westmoreland	-	-	18,350	-	-	-	18,350	-	305	5	-
Ramaley Equipment & Supply Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 371	Westmoreland	-	-	736	-	-	-	736	-	110	2	-
Rondell Co., The	Westmoreland	-	-	12,451	-	-	-	12,451	-	145	3	-
Strip Permit No. 511-13	Westmoreland	-	-	2,011	-	-	-	2,011	-	68	2	-
Shearer Development Corp.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1650-1	Westmoreland	-	-	5,368	-	-	-	5,368	-	51	2)	-
Simpson, Marshall J.	Westmoreland	-	-	15,088	-	-	-	15,088	-	154	-	-
Strip Permit No. 1831-1	Westmoreland	-	-	20,456	-	-	-	20,456	-	-	2	-
Smith, Victor P.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 641-5	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 641-7	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Total												
Smith's Blacktop Paving Co.	Westmoreland	-	-	1,012	-	-	-	1,012	-	57	2	-
Strip Permit No. 1268-2	Westmoreland	-	-	6,533	-	-	-	6,533	-	120	3	-
Smoker Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 583	Westmoreland	735	-	3,689	-	-	-	4,424	-	141	2	-
Spec Coal	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1596-2	Westmoreland	-	-	12,522	-	-	-	12,522	-	221	4	-
U.S. Utilities Services Corp.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1132-2	Westmoreland	-	-	2,100	-	-	-	2,100	-	100	3	-
Vosco, Inc.	Westmoreland	-	-	58,000	-	-	-	58,000	-	223	5	-
Special Project No. 388	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Zappone Construction Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1281-1	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
District Total		95,264	-	976,315	18	-	-	1,071,597	-	171	276	1

District 34A

Operators and Mines (continued)	County	Production of Coal & Coke - Net Tons						Total Production of Coal & Coke	Total Production of Coke	Average Age Days of Em- ploy- ment	Fatal acci- dents	Non- fatal acci- dents
		Shipped to Market	By Rail	By Water	By Truck	Domestic Purposes	Used in Manu- facture of Coke					
B. H. & H. / Seven Sisters Mng. Co., Inc. Strip Permit No. 617-15	Armstrong	-	-	-	14,772	-	-	14,772	-	100	13	-
Baughman Coal Co., Inc., R. D. Strip Permit No. 151-69	Armstrong	14,835	-	-	-	-	-	14,835	-	192	7	-
Strip Permit No. 151-73	Armstrong	36,809	-	-	-	-	-	36,809	-	187	6	-
Total		51,644	-	-	-	-	-	51,644	-	13	-	-
Bituminous International Corp. Strip Permit No. 1203-1	Armstrong	62,598	-	-	1,750	-	-	64,348	-	250	16	-
Black Gem Coal Co. Strip Permit No. 1533-1	Armstrong	-	-	-	10,449	-	-	10,449	-	26	16	-
Strip Permit No. 1533-2	Armstrong	-	-	-	33,105	-	-	33,105	-	78	-	-
Strip Permit No. 1533-3	Armstrong	-	-	-	60,938	-	-	60,938	-	145	-	-
Total		-	-	-	104,492	-	-	104,492	-	16	-	-
Bowers Coal, Inc. Strip Permit No. 1774-1	Armstrong	-	-	-	135,000	-	-	135,000	-	198	13	-
C & K Coal Co. Strip Permit No. 4-152(a)	Armstrong	5,350	-	-	595	-	-	5,945	-	89	6	-
Carpentertown Coal & Coke Co. Strip Permit No. 184-6	Armstrong	-	-	-	-	-	-	-	-	185	5	-
Strip Permit No. 184-14	Armstrong	-	-	-	43,211	-	-	43,211	-	185	9	3
Strip Permit No. 184-15	Armstrong	-	-	-	21,785	-	-	21,785	-	156	10	-
Auger-BAN-894	Armstrong	-	-	-	8,303	-	-	8,303	-	66	4	-
Auger-BAN-895	Armstrong	-	-	-	1,860	-	-	1,860	-	15	-	-
Total		-	-	-	75,159	-	-	75,159	-	28	-	3
Cochran & Keller Coal Co., Inc. Strip Permit No. 1525-1	Armstrong	-	-	-	7,513	-	-	7,513	-	90	7	-
Darmac Coal, Inc. Strip Permit No. 1600-365	Armstrong	-	-	-	94,485	-	-	94,485	-	298	20	-

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.
* Men included with those at other operations, same company.

District 35

B. H. & H. / Seven Sisters Mng. Co., Inc. Strip Permit No. 617-15	Armstrong	-	-	-	14,772	-	-	14,772	-	100	13	-
Baughman Coal Co., Inc., R. D. Strip Permit No. 151-69	Armstrong	14,835	-	-	-	-	-	14,835	-	192	7	-
Strip Permit No. 151-73	Armstrong	36,809	-	-	-	-	-	36,809	-	187	6	-
Total		51,644	-	-	-	-	-	51,644	-	13	-	-
Bituminous International Corp. Strip Permit No. 1203-1	Armstrong	62,598	-	-	1,750	-	-	64,348	-	250	16	-
Black Gem Coal Co. Strip Permit No. 1533-1	Armstrong	-	-	-	10,449	-	-	10,449	-	26	16	-
Strip Permit No. 1533-2	Armstrong	-	-	-	33,105	-	-	33,105	-	78	-	-
Strip Permit No. 1533-3	Armstrong	-	-	-	60,938	-	-	60,938	-	145	-	-
Total		-	-	-	104,492	-	-	104,492	-	16	-	-
Bowers Coal, Inc. Strip Permit No. 1774-1	Armstrong	-	-	-	135,000	-	-	135,000	-	198	13	-
C & K Coal Co. Strip Permit No. 4-152(a)	Armstrong	5,350	-	-	595	-	-	5,945	-	89	6	-
Carpentertown Coal & Coke Co. Strip Permit No. 184-6	Armstrong	-	-	-	-	-	-	-	-	185	5	-
Strip Permit No. 184-14	Armstrong	-	-	-	43,211	-	-	43,211	-	185	9	3
Strip Permit No. 184-15	Armstrong	-	-	-	21,785	-	-	21,785	-	156	10	-
Auger-BAN-894	Armstrong	-	-	-	8,303	-	-	8,303	-	66	4	-
Auger-BAN-895	Armstrong	-	-	-	1,860	-	-	1,860	-	15	-	-
Total		-	-	-	75,159	-	-	75,159	-	28	-	3
Cochran & Keller Coal Co., Inc. Strip Permit No. 1525-1	Armstrong	-	-	-	7,513	-	-	7,513	-	90	7	-
Darmac Coal, Inc. Strip Permit No. 1600-365	Armstrong	-	-	-	94,485	-	-	94,485	-	298	20	-

District 35

	County	Production of Coal & Coke - Net Tons										Non-Fatal acci- dents
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days Worked	No. of Em- ployes	
Operators and Mines		By Rail	By Water	By Truck	Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Days	of		
Darmac Coal, Inc. (continued)												
Auger-BAM-853	Armstrong	-	-	16,837	-	-	16,837	-	120	3	-	
Total		-	-	111,322	-	-	111,322	-	23	-	-	
Daset Mining Corp.												
Strip Permit No. 1551-6	Armstrong	15,477	-	-	-	-	15,477	-	130	6	-	
Strip Permit No. 1551-7	Armstrong	-	-	-	-	-	-	-	80	-	-	
Strip Permit No. 1551-7A	Armstrong	5,926	-	-	-	-	5,926	-	53	-	-	
Total		21,403	-	-	-	-	21,403	-	-	6	-	
Daybrook Coal Co.												
Strip Permit No. 1625-1	Armstrong	-	-	19,800	200	-	20,000	-	168	6	-	
Doverspike, Gary C.												
Strip Permit No. 1369-2	Armstrong	1,371	-	-	-	-	1,371	-	26	*	-	
Strip Permit No. 1369-3	Armstrong	29,337	-	-	-	-	29,337	-	260	4	-	
Strip Permit No. 1369-4	Armstrong	18,381	-	-	-	-	18,381	-	156	3	-	
Strip Permit No. 1369-6	Armstrong	3,927	-	-	-	-	3,927	-	78	2	-	
Strip Permit No. 1369-7	Armstrong	1,689	-	-	-	-	1,689	-	52	*	-	
Strip Permit No. 1369-8(c)	Jefferson	-	-	-	-	-	-	-	5	*	-	
Strip Permit No. 1369-9	Armstrong	1,258	-	-	-	-	1,258	-	26	*	-	
Total		55,963	-	-	-	-	55,963	-	-	9	-	
Eagle Mountain Coal Co.												
Strip Permit No. 1425-1	Armstrong	-	-	312	-	-	312	-	20	2	-	
Strip Permit No. 1425-2	Armstrong	-	-	8,004	-	-	8,004	-	190	-	-	
Total		-	-	8,316	-	-	8,316	-	-	2	-	
Erdley Brothers Construction Co.												
Strip Permit No. 1390-2(b)	Armstrong	-	-	5,672	-	-	5,672	-	148	7	-	
Glen Irvan Corp.												
Strip Permit No. 671-13	Armstrong	2,967	-	-	-	-	2,967	-	45	2	-	
Auger-BAM-742	Armstrong	12,644	-	-	-	-	12,644	-	60	2	-	
Total		15,611	-	-	-	-	15,611	-	-	4	-	
H & R Coal Co.												
Strip Permit No. 995-4	Armstrong	-	-	34,641	-	-	34,641	-	199	5	-	
Strip Permit No. 995-7	Armstrong	-	-	23,451	-	-	23,451	-	151	7	-	
Total		-	-	58,092	-	-	58,092	-	-	12	-	
Harman, Paul C.												
Strip Permit No. 1736-1	Armstrong	-	-	21,343	-	-	21,343	-	137	4	-	
Harmon Coal Co.												
Strip Permit No. 514-6	Armstrong	10,312	-	-	-	-	10,312	-	250	6	-	

District 35

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total		Non-	
		By	By	Truck	By	Locally	Used in	Production	Age	Fatal	Fatal
		Rail	Water			for	Manu-	of Coal	Days	acci-	deaths
						Purposes	facture	of Coke	of Coke	idents	
Harmon Coal Co. (continued)											
Strip Permit No. 514-13, 15 & 19	Armstrong	15,848	-	-	-	-	-	15,848	-	-	-
Strip Permit No. 514-20 & 21	Armstrong	21,551	-	-	-	-	-	21,551	-	-	-
Auger-BAM-846	Armstrong	4,629	-	-	-	-	-	4,629	-	-	-
Total		52,340	-	-	-	-	-	52,340	-	6	-
Houser, Earl O.											
Strip Permit No. 163-2	Armstrong	-	-	10,518	-	-	-	10,518	182	2	-
Strip Permit No. 163-3	Armstrong	-	-	275	-	-	-	275	5	-	-
Total		-	-	10,793	-	-	-	10,793	2	-	-
Houser Coal Co., Inc., Walter L.											
Strip Permit No. 564-11	Armstrong	-	-	7,330	-	-	-	7,330	129	2	-
Strip Permit No. 564-12	Armstrong	-	-	12,084	-	-	-	12,084	194	5	-
Strip Permit No. 564-17	Armstrong	-	-	26,546	-	-	-	26,546	194	2	-
Strip Permit No. 564-18	Armstrong	-	-	7,776	-	-	-	7,776	172	2	-
Strip Permit No. 564-21	Armstrong	-	-	17,617	-	-	-	17,617	174	2	-
Strip Permit No. 564-23	Armstrong	-	-	20,603	-	-	-	20,603	199	2	-
Total		-	-	91,956	-	-	-	91,956	15	-	-
Jacobs Contracting Corp.											
Strip Permit No. 1274-3	Armstrong	7,748	-	-	-	-	-	7,748	77	2	-
Strip Permit No. 1274-3 (A2 & 3)	Armstrong	112,531	-	-	-	-	-	112,531	277	20	-
Total		120,279	-	-	-	-	-	120,279	22	-	-
Kent Coal Mining Co. (d)											
Strip Permit No. 482-12 Refuse	Armstrong	-	-	2,359	-	-	-	2,359	13	7	-
Keystone Portland Cement Co.											
Strip Permit No. 712-3	Armstrong	-	-	66,933	-	-	-	66,933	260	15	-
L & E Construction & Equipment Co., Inc.											
Strip Permit No. 26-11	Armstrong	-	-	104	-	-	-	104	92	7	-
Strip Permit No. 26-12	Armstrong	-	-	1,138	-	-	-	1,138	15	-	-
Strip Permit No. 26-14	Armstrong	18,371	-	1,290	-	-	-	19,661	124	-	-
Total		18,371	-	2,532	-	-	-	20,903	7	-	-
M & C Coal Co.											
Strip Permit No. 1390-2	Armstrong	-	-	5,672	-	-	-	5,672	256	7	-
M & M Mining, Inc.											
Strip Permit No. 1207-6	Armstrong	-	-	2,633	-	-	-	2,633	21	2	-
Markie-Bullers Coal Co.											
Strip Permit No. 504-27	Armstrong	60,495	-	14,795	-	-	-	75,290	253	12	-
Strip Permit No. 504-40	Armstrong	-	-	554	-	-	-	554	99	2	-

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	Domestic Purposes	for Manufacture of Coke	Manu- facture of Coal	Produc- tion of Coal	Produc- tion of Coke	Aver- age Days of Em- ployes	Non- Fatal acci- dents
Markle-Bullers Coal Co. (continued)											
Strip Permit No. 504-44	Armstrong	2,982	-	500	-	-	-	3,482	-	220	3
Total		63,477	-	15,849	-	-	-	79,326	-	17	1
Martin Coal Co., James E.											
Strip Permit No. 419-4	Armstrong	-	-	-	-	-	-	-	-	102	2
Strip Permit No. 419-6	Armstrong	5,578	-	-	-	-	-	5,578	-	174	2
Strip Permit No. 419-7	Armstrong	94,109	-	-	-	-	-	94,109	-	199	15
Strip Permit No. 149-11	Armstrong	1,391	-	-	-	-	-	1,391	-	136	3
Strip Permit No. 149-12	Armstrong	400	-	-	-	-	-	400	-	10	*
Auger-BAM-748 (a)	Armstrong	3,393	-	-	-	-	-	3,393	-	3	3
Auger-BAM-767 (a)	Armstrong	2,339	-	-	-	-	-	2,339	-	-	-
Total		107,210	-	-	-	-	-	107,210	-	25	-
Mauersberg Coal Co.											
Strip Permit No. 344-25	Armstrong	17,256	-	-	-	-	-	17,256	-	118	6
McKay Coal Co.											
Strip Permit No. 1826-1	Armstrong	-	-	17,906	-	-	-	17,906	-	92	4
Oak Tree Coal Co.											
Strip Permit No. 1695-5 & 8	Armstrong	-	-	59,242	-	-	-	59,242	-	225	7
P & N Coal Co., Inc.											
Strip Permit No. 32-90	Armstrong	19,441	-	-	-	-	-	19,441	-	231	5
R.E.M. Coal Co., Inc.											
Strip Permit No. 932-14	Armstrong	8,250	-	-	-	-	-	8,250	-	147	10
Strip Permit No. 932-24	Armstrong	9,049	-	-	-	-	-	9,049	-	74	-
Total		17,299	-	-	-	-	-	17,299	-	10	-
Ratay Coal, Inc.											
Strip Permit No. 1679-1	Armstrong	-	-	41,941	-	-	-	41,941	-	246	10
Auger-BAM-892	Armstrong	-	-	2,725	-	-	-	2,725	-	80	3
Total		-	-	44,666	-	-	-	44,666	-	13	-
Reddinger, Terry											
Strip Permit No. 314-25	Armstrong	-	-	-	-	-	-	-	-	119	*
Strip Permit No. 314-31	Armstrong	37,745	-	19,101	-	-	-	56,846	-	245	9
Strip Permit No. 314-32	Armstrong	12,450	-	6,929	-	-	-	19,379	-	171	4
Strip Permit No. 314-33	Armstrong	28,750	-	15,916	-	-	-	44,666	-	245	5
Strip Permit No. 314-36	Armstrong	26,450	-	13,778	-	-	-	40,228	-	245	5
Strip Permit No. 314-37	Armstrong	7,046	-	3,450	-	-	-	10,496	-	245	4
Strip Permit No. 314-38	Armstrong	10,050	-	7,019	-	-	-	17,069	-	174	*
Strip Permit No. 314-39	Armstrong	8,818	-	2,095	-	-	-	10,913	-	126	5
Strip Permit No. 314-42	Armstrong	9,550	-	7,171	-	-	-	16,721	-	126	5
Total		140,859	-	75,459	-	-	-	216,318	-	37	-

District 35

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average No. Days of Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	of Coal	of Coke	of Coke	age	Non-Fatal acci-dents
Shaffer, Cecil	Armstrong	-	-	3,700	-	-	3,700	-	-	60	3
Strip Permit No. 1167-12 Taylor, Robert F.	Armstrong	-	-	18,318	-	-	18,318	-	-	129	10
Strip Permit No. 1412-1 Valley Coal Co., Inc.	Armstrong	-	-	28,657	-	-	28,657	-	-	193	6
Strip Permit No. 1353-1 Armstrong	Armstrong	-	-	14,603	-	-	14,603	-	-	127	6
Strip Permit No. 1353-2 Armstrong	Armstrong	-	-	20,884	-	-	20,884	-	-	109	3
Auger-BAM-826	Armstrong	-	-	1,813	-	-	1,813	-	-	12	-
Auger-BAM-845	Armstrong	-	-	65,957	-	-	65,957	-	-	15	-
W. & M. Coal Co.	Armstrong	-	-	8,400	-	-	8,400	-	-	200	4
Strip Permit No. 787-3	Armstrong	-	-	1,056,201	200	-	1,825,502	-	-	193	424
District Total		769,101	-	-	-	-	-	-	-	-	5

NOTE: (a) Production by contractor.
 (b) Information taken from monthly reports as no Annual Report was submitted.
 (c) Job completed and backfilled.
 (d) Formerly Rochester & Pittsburgh Coal Company.
 * Men included with those at other operations, same company.

District 35A

AH-RS Coal Corp.	Armstrong	-	-	11,540	-	-	11,540	-	-	126	6
Strip Permit No. 847-5	Armstrong	-	-	15,000	-	-	15,000	-	-	120	6
Altmore Bros. Coal Co., Inc.	Armstrong	-	-	120,241	-	-	120,241	-	-	200	38
Strip Permit No. 29-18	Armstrong	-	-	-	-	-	-	-	-	1	2
Ankeny, Donald	Armstrong	706	-	-	-	-	706	-	-	179	6
Strip Permit No. 287-7,8,9,11&22	Armstrong	-	-	8,423	-	-	43,816	-	-	-	-
Apollo Corp., The	Armstrong	-	-	-	-	-	-	-	-	-	-
Auger-BAM-632	Armstrong	-	-	-	-	-	-	-	-	-	-
B & G Construction Co., Inc.	Armstrong	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 25-5	Armstrong	-	-	-	-	-	-	-	-	-	-

District 35A

	Operators and Mines	County	Production of Coal & Coke - Net Tons									
			Shipped to Market			Coal Used			Total			Non-
			By Rail	By Water	By Truck	Locally for	Domestic Purposes	Used in Manufacture of Coke	Production of Coal	Production of Coke	Average age of Worked	Fatal accidents
B & G Construction Co., Inc. (continued)	Strip Permit No. 25-7	Armstrong	25,004	-	10,401	-	-	-	35,405	-	179	6
	Strip Permit No. 25-14	Armstrong	7,329	-	1,514	-	-	-	8,843	-	104	6
	Total		67,726	-	20,338	-	-	-	88,064	-	18	-
Bryar Construction Co. C & K Coal Co.	Strip Permit No. 575-2(a)	Armstrong	-	-	32,455	-	-	-	32,455	-	207	5
	Strip Permit No. 4-151	Armstrong	47,203	-	5,245	-	-	-	52,448	-	299	17
	Daset Mining Corp.	Armstrong	-	-	9,872	-	-	-	9,872	-	186	9
	Strip Permit No. 1551-1	Armstrong	-	-	40,847	-	-	-	40,847	-	272	-
Erdley Brothers Construction Co.	Strip Permit No. 1551-4	Armstrong	-	-	48,097	-	-	-	48,097	-	230	-
	Strip Permit No. 1551-4A	Armstrong	-	-	98,816	-	-	-	98,816	-	9	-
	Total		-	-	923	-	-	-	923	-	54	7
	Strip Permit No. 1390-1	Armstrong	-	-	7,765	-	-	-	7,765	-	125	-
Fiore Development Co.	Strip Permit No. 1390-3	Armstrong	-	-	4,015	-	-	-	4,015	-	88	-
	Strip Permit No. 1390-4	Armstrong	-	-	12,703	-	-	-	12,703	-	7	-
	Total		-	-	36,707	-	-	-	36,707	-	142	4
	Strip Permit No. 305-11	Armstrong	-	-	5,700	-	-	-	5,700	-	70	4
Kent Coal Mining Co. (b)	Strip Permit No. 482-5	Armstrong	-	-	63,773	-	-	-	63,773	-	145	14
	Strip Permit No. 482-8	Armstrong	-	-	54,126	-	-	-	54,126	-	262	10
	Strip Permit No. 482-9	Armstrong	-	-	117,899	-	-	-	117,899	-	24	-
	Strip Permit No. 1259-13	Armstrong	-	-	10,143	-	-	-	10,143	-	141	32
King Coal Co.	Strip Permit No. 1566-2(a)	Armstrong	-	-	4,052	-	-	-	4,052	-	77	4
	Strip Permit No. 1566-9 (a)	Armstrong	-	-	4,202	-	-	-	4,202	-	152	6
	Total		-	-	8,254	-	-	-	8,254	-	10	-
	Strip Permit No. 482-13	Armstrong	-	-	14,392	-	-	-	14,392	-	29	-
Auger	Strip Permit No. 482-13	Armstrong	-	-	14,392	-	-	-	14,392	-	29	-
	Total		-	-	322,744	-	-	-	322,744	-	74	-
	Strip Permit No. 482-5	Armstrong	181,684	-	10,143	-	-	-	191,827	-	141	32
	Strip Permit No. 482-8	Armstrong	65,830	-	141,888	-	-	-	207,718	-	182	16
Auger	Strip Permit No. 482-9	Armstrong	1,189	-	150,226	-	-	-	151,415	-	173	9
	Strip Permit No. 482-13	Armstrong	172,225	-	6,095	-	-	-	178,320	-	131	17
	Total		-	-	14,392	-	-	-	14,392	-	29	-
	Strip Permit No. 482-13	Armstrong	420,928	-	322,744	-	-	-	743,672	-	74	-
King Coal Co.	Strip Permit No. 1566-2(a)	Armstrong	-	-	4,052	-	-	-	4,052	-	77	4
	Strip Permit No. 1566-9 (a)	Armstrong	-	-	4,202	-	-	-	4,202	-	152	6
	Total		-	-	8,254	-	-	-	8,254	-	10	-
	Strip Permit No. 482-13	Armstrong	-	-	14,392	-	-	-	14,392	-	29	-

District 35A

County	Production of Coal & Coke - Net Tons						Total Production of Coal & Coke	Aver- age Days Worked	Fatal acci- dents	Non- fatal acci- dents
	Shipped To Market		Coal Used		Used In Manu- facture of Coke					
	By Rail	By Truck	Locally for Domestic Purposes	Locally for Domestic Purposes	Total Produce- tion of Coal & Coke	Total Produce- tion of Coal & Coke				
Armstrong	-	3,654	-	-	-	3,654	39	2	-	-
	-	1,579	-	-	-	1,579	20	-	-	-
	-	5,233	-	-	-	5,233	-	2	-	-
Total										
Armstrong	-	461	-	-	-	461	3	2	-	-
	-	935	-	-	-	935	29	3	-	-
	-	-	-	-	-	-	-	-	-	-
Armstrong	31,476	-	-	-	-	31,476	241	4	-	-
	8,908	-	-	-	-	8,908	120	1	-	-
	40,384	-	-	-	-	40,384	-	5	-	-
Total										
Armstrong	23,451	-	-	-	-	23,451	188	3	-	-
	-	63,447	-	-	-	63,447	188	15	-	3
	-	-	-	-	-	-	-	-	-	-
Armstrong	-	-	-	-	-	-	57	5	-	-
	-	16,101	-	-	-	16,101	112	-	-	-
	-	16,101	-	-	-	16,101	-	5	-	-
Total										
Armstrong	-	10,837	-	-	-	10,837	64	9	-	-
	-	-	-	-	-	-	-	-	-	-
	-	21,894	-	-	-	21,894	130	8	-	-
Armstrong	-	3,165	-	-	-	3,165	#	1	-	-
	-	25,059	-	-	-	25,059	-	9	-	-
	-	-	-	-	-	-	-	-	-	-
Total										
Armstrong	-	24,204	-	-	-	24,204	187	8	-	-
	-	2,301	-	-	-	2,301	30	2	-	-
	-	26,505	-	-	-	26,505	-	10	-	-
Total										
Armstrong	-	10,868	-	-	-	10,868	78	7	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Armstrong	13,346	-	-	-	-	13,346	106	6	-	2
	-	-	-	-	-	-	-	-	-	-
	-	32,909	-	-	-	32,909	125	15	-	-
Total										

District 35A

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Average Days		Non-Fatal Accidents	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Produc- tion	age	No. of Em- ployes	Fatal acci- dents	Non-fatal acci- dents
West Freedom Mining Corp.	Armstrong	6,713	-	16,412	-	-	23,125	298	15	-	-
Strip Permit No. 68-23	Armstrong	-	-	-	-	-	-	169	2	-	-
Strip Permit No. 68-30	Armstrong	29,484	-	34,329	-	-	63,813	227	10	-	-
Strip Permit No. 68-37	Armstrong	36,197	-	50,741	-	-	86,938	27	27	-	-
Total											
Yates Brothers Coal Co.	Armstrong	10,920	-	-	100	-	11,020	273	9	-	-
Strip Permit No. 1351-3											
District Total		660,861	-	1,050,738	100	-	1,711,699	176	351	-	8

NOTE: (a) Information taken from monthly reports as no Annual Report was submitted.

(b) Formerly Rochester & Pittsburgh Coal Co.

(c) Backfilling.

(d) Men included with those at Strip Permit No. 482-9.

Auger production contracted.

District 36

AH-RS Coal Corp.	Clarion	-	-	14,808	-	-	14,808	100	4	-	-
Strip Permit No. 847-1											
Allegheny Minerals Corp.	Clarion	69,141	-	-	-	-	69,141	234	7	-	3
Strip Permit No. 571-6											
Ancient Sun, Inc.	Clarion	-	-	9,816	-	-	9,816	68	4	-	-
Strip Permit No. 1186-8											
Baughman Coal Co., Inc., R.D.	Clarion	36,649	-	-	-	-	36,649	190	6	-	-
Strip Permit No. 151-64											
Strip Permit No. 151-71	Clarion	7,355	-	-	-	-	7,355	141	5	-	-
Strip Permit No. 151-75	Clarion	5,101	-	250	-	-	5,351	175	*	1	-
Strip Permit No. 151-76	Clarion	3,766	-	-	-	-	3,766	43	*	-	-
Total		52,871	-	250	-	-	53,121	11	11	-	1
Beveridge Coal Co.	Clarion	19,829	-	9,914	-	-	29,743	307	7	-	-
Strip Permit No. 1349-1 & 3											

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons										No. of Em- ployees	Fatal acci- dents	Non-fatal acci- dents
		Shipped to Market	By Rail	By Water	By Truck	For Domestic Purposes	Coal Used Locally	Coal Manufactured	Total Production of Coal	Total Production of Coke	Average Days Worked			
C & K Coal Co.	Clarion	860	-	-	96	-	-	-	956	-	30	*	-	-
Strip Permit No. 4-85	Clarion	53,774	-	-	5,975	-	-	-	59,749	-	357	22	-	-
Strip Permit No. 4-93	Clarion	383,297	-	-	42,589	-	-	-	425,886	-	357	34	-	-
Strip Permit No. 4-114	Clarion	20,609	-	-	2,290	-	-	-	22,899	-	178	*	-	-
Strip Permit No. 4-115	Clarion	5,053	-	-	562	-	-	-	5,615	-	58	*	-	-
Strip Permit No. 4-116	Clarion	95,560	-	-	10,618	-	-	-	106,178	-	357	23	-	-
Strip Permit No. 4-117	Clarion	67,367	-	-	7,485	-	-	-	74,852	-	357	21	-	1
Strip Permit No. 4-123	Clarion	12,478	-	-	1,387	-	-	-	13,865	-	148	*	-	-
Strip Permit No. 4-129	Clarion	58,213	-	-	6,468	-	-	-	64,681	-	118	*	-	-
Strip Permit No. 4-130	Clarion	2,537	-	-	282	-	-	-	2,819	-	30	*	-	-
Strip Permit No. 4-131	Clarion	65,446	-	-	7,272	-	-	-	72,718	-	357	17	-	-
Strip Permit No. 4-134	Clarion	140,122	-	-	15,569	-	-	-	155,691	-	357	24	-	-
Strip Permit No. 4-137	Clarion	5,873	-	-	653	-	-	-	6,526	-	30	*	-	-
Strip Permit No. 4-144	Clarion	8,006	-	-	890	-	-	-	8,896	-	118	*	-	1
Strip Permit No. 4-148	Clarion	51,043	-	-	5,672	-	-	-	56,715	-	327	*	-	1
Strip Permit No. 4-149	Clarion	18,396	-	-	2,044	-	-	-	20,440	-	80	*	-	-
Strip Permit No. 4-150	Clarion	6,522	-	-	725	-	-	-	7,247	-	58	*	-	-
Strip Permit No. 4-157	Clarion	6,153	-	-	684	-	-	-	6,837	-	89	*	-	-
Strip Permit No. 4-158	Clarion	27,802	-	-	3,089	-	-	-	30,891	-	179	*	-	-
Strip Permit No. 4-159	Clarion	50,586	-	-	5,621	-	-	-	56,207	-	299	*	-	-
Strip Permit No. 4-161	Clarion	45,413	-	-	5,046	-	-	-	50,459	-	118	*	-	-
Strip Permit No. 4-162	Clarion	7,477	-	-	831	-	-	-	8,308	-	58	*	-	-
Strip Permit No. 4-164	Clarion	251	-	-	28	-	-	-	279	-	19	@	-	-
Auger-BAM-817	Clarion	1,132,838	-	-	125,876	-	-	-	1,258,714	-	141	-	-	3
Total														
Chernicky Coal Co., Inc.	Clarion	45,674	-	-	4,517	-	-	-	50,191	-	296	12	-	-
Strip Permit No. 1423-4	Clarion	29,316	-	-	2,899	-	-	-	32,215	-	237	9	-	-
Strip Permit No. 1423-5	Clarion	16,159	-	-	1,598	-	-	-	17,757	-	305	5	-	-
Strip Permit No. 1423-6	Clarion	91,149	-	-	9,014	-	-	-	100,163	-	26	-	-	-
Total														
Clarion Fossil Fuels Corp.	Clarion	-	-	-	-	-	-	-	-	-	255	2	-	-
Strip Permit No. 1408-2(a)	Clarion	3,208	-	-	57,962	-	-	-	61,170	-	295	8	-	1
Strip Permit No. 1408-3 & 7	Clarion	6,384	-	-	33,680	-	-	-	40,064	-	295	8	-	-
Strip Permit No. 1408-4	Clarion	12,668	-	-	35,461	-	-	-	48,129	-	141	8	-	-
Strip Permit No. 1408-8	Clarion	22,260	-	-	127,103	-	-	-	149,363	-	26	-	-	1
Total														

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	for Manufacture of Coke	Production of Coal	Production of Coke	Production of Coke	Production of Coke
Colt Resources, Inc.	Clarion	-	-	-	-	-	-	-	-	21	3
	Strip Permit No. 1171-2	67,000	-	-	-	-	-	67,000	-	255	7
	Clarion	-	-	-	-	-	-	-	-	17	*
	Strip Permit No. 1171-6	-	-	-	-	-	-	-	-	255	5
	Strip Permit No. 1171-9	44,600	-	-	-	-	-	44,600	-	-	-
Total		111,600	-	-	-	-	-	111,600	-	-	15
Cotterman Coal Co., W. A.	Clarion	-	-	-	980	-	-	980	-	301	8
	Strip Permit No. 603-13	-	-	-	4,740	-	-	4,740	-	-	-
	Clarion	-	-	-	24,970	-	-	24,970	-	-	-
	Strip Permit No. 603-14(A4)	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 603-14(A5)	-	-	-	30,690	-	-	30,690	-	-	8
Total		-	-	-	-	-	-	-	-	-	-
Darmac Coal, Inc.	Clarion	-	-	-	-	-	-	-	-	25	2
	Strip Permit No. 1600-2	-	-	-	-	-	-	-	-	-	-
	Dean Contractor, Inc., Ernest C.	28,919	-	4,321	-	-	-	33,240	-	129	6
	Strip Permit No. 379-35	11,802	-	1,764	-	-	-	13,566	-	135	4
	Strip Permit No. 379-44	28,919	-	4,321	-	-	-	33,240	-	130	6
Deltz, Donald W.	Clarion	59,949	-	8,958	-	-	-	68,907	-	259	20
	Strip Permit No. 379-46	618	-	92	-	-	-	710	-	8	4
	Clarion	130,207	-	19,456	-	-	-	149,663	-	40	3
	Strip Permit No. 379-49	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Fagley, Robert L.	Clarion	-	-	-	-	-	-	-	-	212	*
	Strip Permit No. 1270-2	-	-	30,957	-	-	-	30,957	-	255	14
	Clarion	-	-	-	-	-	-	-	-	212	2
	Strip Permit No. 1270-3	-	-	3,473	-	-	-	3,473	-	63	*
	Strip Permit No. 1270-4	-	-	34,430	-	-	-	34,430	-	-	16
Total		-	-	-	-	-	-	-	-	-	-
H & G Coal & Clay Co., Inc.	Clarion	-	-	-	-	-	-	-	-	135	1
	Strip Permit No. 1289-1 & 1A	-	-	1,550	-	-	-	1,550	-	200	4
	Clarion	-	-	1,560	-	-	-	1,560	-	-	-
	Strip Permit No. 1289-3	-	-	18,650	-	-	-	18,650	-	300	4
	Strip Permit No. 1289-4	-	-	9,330	-	-	-	9,330	-	60	4
H & G Coal & Clay Co., Inc.	Clarion	-	-	31,090	-	-	-	31,090	-	-	13
	Strip Permit No. 1289-5	-	-	-	-	-	-	-	-	-	-
	Clarion	12,200	-	-	-	-	-	12,200	-	168	2
	Strip Permit No. 75-33	29,600	-	-	-	-	-	29,600	-	227	4
	Strip Permit No. 75-36	41,800	-	-	-	-	-	41,800	-	-	6
Total		-	-	-	-	-	-	-	-	-	-

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coal	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days of Worked	Non-Fatal Fatal Accidents
Ingram Coal Co.	Clarion	31,692	-	-	-	-	-	31,692	-	125	12
Strip Permit No. 1476-4											
Jack Brothers Construction Co.	Clarion	5,150	-	28,261	-	-	-	33,411	-	149	5
Strip Permit No. 450-11											
K.I.T. Industries	Clarion	-	-	8,592	-	-	-	8,592	-	151	2
Strip Permit No. 1417-6											
Lucinda Coal Co., Inc.	Clarion	-	-	47,681	-	-	-	47,681	-	290	8
Strip Permit No. 1015-1											
M S M Coal Co., Inc.	Clarion	-	-	975	-	-	-	975	-	74	2
Strip Permit No. 1748-1											
Mauersberg Coal Co.	Clarion	11,609	-	-	-	-	-	11,609	-	112	5
Strip Permit No. 344-20											
Strip Permit No. 344-30	Clarion	1,307	-	-	-	-	-	1,307	-	69	2
Strip Permit No. 344-31	Clarion	2,251	-	-	-	-	-	2,251	-	94	1
Strip Permit No. 344-35	Clarion	10,169	-	-	-	-	-	10,169	-	97	2
Strip Permit No. 344-36	Clarion	20,466	-	-	-	-	-	20,466	-	118	6
Strip Permit No. 344-40	Clarion	4,710	-	-	-	-	-	4,710	-	45	1
Strip Permit No. 344-41	Clarion	1,231	-	-	-	-	-	1,231	-	20	1
Strip Permit No. 344-42	Clarion	4,541	-	-	-	-	-	4,541	-	30	1
Total		56,284	-	-	-	-	-	56,284	-	19	-
Mays Coal Co.	Clarion	-	-	6,166	-	-	-	6,166	-	233	6
Strip Permit No. 210-4(A8)											
Strip Permit No. 210-4(A10)	Clarion	-	-	15,112	-	-	-	15,112	-	-	-
Strip Permit No. 210-6	Clarion	-	-	4,336	-	-	-	4,336	-	15	3
Total		-	-	25,614	-	-	-	25,614	-	9	-
Miles Coal Co., Clyde	Clarion	-	-	25,174	-	-	-	25,174	-	269	6
Strip Permit No. 509-12											
Miles Coal Co., Steve	Clarion	-	-	67,670	-	-	-	67,670	-	231	12
Strip Permit No. 1290-1											
Minich, Darl	Clarion	-	-	14,744	-	-	-	14,744	-	161	4
Strip Permit No. 415-6											
R.E.M. Coal Co., Inc.	Clarion	38,908	-	9,670	-	-	-	48,578	-	292	10
Strip Permit No. 932-7											
Strip Permit No. 932-12A	Clarion	21,466	-	-	-	-	-	21,466	-	89	*
Strip Permit No. 932-18A	Clarion	8,240	-	9,070	-	-	-	17,310	-	252	5
Strip Permit No. 932-20	Clarion	16,359	-	-	-	-	-	16,359	-	126	4
Total		84,973	-	18,740	-	-	-	103,713	-	19	1

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-Fatal accidents	Fatal accidents	
		Shipped to Market			Total Production of Coal									
		By Rail	By Water	By Truck	Domestic Purposes	Locally Used in Manufacture of Coke	Production of Coal	Production of Coke	Total	Average Days Worked	No. of Employees			
Reddinger, Terry	Clarion	38,272	-	-	-	-	-	38,272	-	-	222	8	-	-
Strip Permit No. 314-29	Clarion	10,630	-	-	-	-	-	10,630	-	-	255	2	-	-
Strip Permit No. 314-34	Clarion	2,991	-	-	-	-	-	2,991	-	-	48	*	-	-
Strip Permit No. 314-40	Clarion	36,713	-	-	-	-	-	36,713	-	-	171	5	-	-
Strip Permit No. 314-43	Clarion	88,606	-	-	-	-	-	88,606	-	-	-	15	-	-
Total														
Reichard Paving & Excavating, Gene	Clarion	-	-	13,866	-	-	-	-	13,866	-	209	3	-	-
Strip Permit No. 606-4	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgeview Coal Co., Inc.	Clarion	40,000	-	26,126	-	-	-	-	66,126	-	242	11	-	-
Strip Permit No. 1815-1(A)&(A2)	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Shaffer Mining Co.	Clarion	-	-	17,827	-	-	-	-	17,827	-	300	3	-	-
Strip Permit No. 1581-3	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Shannon Coal Co.	Clarion	172,741	-	19,194	-	-	-	-	191,935	-	357	28	-	-
Strip Permit No. 1204-5	Clarion	78,053	-	8,673	-	-	-	-	86,726	-	357	21	-	-
Strip Permit No. 1204-9	Clarion	9,059	-	1,007	-	-	-	-	10,066	-	58	*	-	-
Strip Permit No. 1204-10	Clarion	20,196	-	2,244	-	-	-	-	22,440	-	148	*	-	-
Strip Permit No. 1204-13	Clarion	50,827	-	5,648	-	-	-	-	56,475	-	357	18	-	-
Strip Permit No. 1204-14	Clarion	53,875	-	5,986	-	-	-	-	59,861	-	149	*	-	-
Strip Permit No. 1204-15	Clarion	33,931	-	3,770	-	-	-	-	37,701	-	357	17	-	-
Strip Permit No. 1204-20	Clarion	32,527	-	3,614	-	-	-	-	36,141	-	148	*	-	-
Strip Permit No. 1204-22	Clarion	99,102	-	11,011	-	-	-	-	110,113	-	357	21	-	-
Strip Permit No. 1204-24	Clarion	54,629	-	6,070	-	-	-	-	60,699	-	297	21	-	-
Strip Permit No. 1204-25	Clarion	63,294	-	7,033	-	-	-	-	70,327	-	357	22	-	-
Strip Permit No. 1204-26	Clarion	5,721	-	636	-	-	-	-	6,357	-	59	*	-	-
Strip Permit No. 1204-27	Clarion	113,559	-	12,618	-	-	-	-	126,177	-	239	*	-	1
Strip Permit No. 1204-28	Clarion	44,048	-	4,894	-	-	-	-	48,942	-	121	*	-	-
Strip Permit No. 1204-29	Clarion	29,931	-	3,326	-	-	-	-	33,257	-	181	*	-	-
Strip Permit No. 1204-30	Clarion	2,136	-	237	-	-	-	-	2,373	-	38	@	-	-
Auger-BAM-872	Clarion	863,629	-	95,961	-	-	-	-	959,590	-	148	-	-	1
Total														
Stiegel, Thomas E.	Clarion	-	-	2,014	-	-	-	-	2,014	-	115	3)	-	-
Strip Permit No. 1210-4	Clarion	-	-	-	-	-	-	-	-	-	111)	-	-
Strip Permit No. 1210-5	Clarion	-	-	2,014	-	-	-	-	2,014	-	-	3	-	-
Total														
Stiegel Coal Co., Harold A.	Clarion	-	-	70,894	-	-	-	-	70,894	-	298	21	-	-
Strip Permit No. 8-19	Clarion	-	-	23,605	-	-	-	-	23,605	-	298	7	-	-
Strip Permit No. 8-22	Clarion	-	-	94,499	-	-	-	-	94,499	-	-	28	-	2
Total														

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coke	of Coal	Production of Coke	Production of Coal	Age Days	Non- Fatal accidents
Stahlman Coal Co., Inc., W.P.	Clarion	91,672	-	-	-	-	91,672	-	-	354	19
Strip Permit No. 9-45	Clarion	101,595	-	-	-	-	101,595	-	-	354	19
Strip Permit No. 9-55	Clarion	174,852	-	656	170	-	175,678	-	-	354	21
Strip Permit No. 9-56	Clarion	26,723	-	-	-	-	26,723	-	-	145	8
Strip Permit No. 4-150	Clarion	394,862	-	656	170	-	395,668	-	-	67	-
Total											
W. & M. Coal Co.	Clarion	-	-	7,700	-	-	7,700	-	-	158	4
Strip Permit No. 787-4	Clarion	-	-	-	-	-	-	-	-	-	-
White Coal	Clarion	-	-	20,873	-	-	20,873	-	-	187	6
Strip Permit No. 1503-1	Clarion	-	-	29,250	-	-	29,250	-	-	136	-
Strip Permit No. 1503-2	Clarion	-	-	50,123	-	-	50,123	-	-	6	-
Total											
Wilson, John N.	Clarion	-	-	2,312	-	-	2,312	-	-	65	2
Strip Permit No. 502-5	Clarion	-	-	6,132	-	-	6,132	-	-	120	-
Strip Permit No. 502-6	Clarion	-	-	8,444	-	-	8,444	-	-	2	-
Total											
Wyant Coal Co., R.E.	Clarion	-	-	6,542	-	-	6,542	-	-	211	3
Strip Permit No. 1334-1	Clarion	-	-	-	-	-	-	-	-	-	-
Yeane, Woodrow	Clarion	20,273	-	-	-	-	20,273	-	-	321	8
Strip Permit No. 1504-1	Clarion	-	-	-	-	-	-	-	-	-	-
Zacherl Coal Co., Inc.	Clarion	96,746	-	79,155	-	-	159	-	-	307	*
Strip Permit No. 73-18	Clarion	-	-	-	-	-	49,354	-	-	6	-
Strip Permit No. 73-21	Clarion	-	-	-	-	-	6,157	-	-	6	-
Strip Permit No. 73-24	Clarion	-	-	-	-	-	60,812	-	-	4	-
Strip Permit No. 73-28	Clarion	-	-	-	-	-	55,434	-	-	3	-
Strip Permit No. 73-30	Clarion	-	-	-	-	-	3,985	-	-	3	-
Strip Permit No. 73-33	Clarion	96,746	-	79,155	-	-	175,901	-	-	22	3
Total											
District Total		3,353,890	-	1,022,121	30,860	-	4,406,871	-	-	288	747
											18

NOTE: (a) Backfilling
 * Men included with those at other operations, same company.
 @ Auger production by contractor.

District 37

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Non-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coal	Production of Coke	Production of Coke	Age	No. of Em- ployes	Fatal acci- dents
Ancient Sun, Inc.	Clarion	-	-	26,975	-	-	-	26,975	-	88	7
Strip Permit No. 1186-1	Clarion	-	-	32,321	-	-	-	32,321	-	134	7
Strip Permit No. 1186-5	Clarion	-	-	59,296	-	-	-	59,296	-	-	-
Total											
C & K Coal Co.	Clarion	118,348	-	13,150	-	-	-	131,498	-	357	22
Strip Permit No. 4-98	Clarion	38,835	-	4,315	-	-	-	43,150	-	327	*
Strip Permit No. 4-120	Clarion	124,214	-	13,802	-	-	-	138,016	-	357	22
Strip Permit No. 4-132	Clarion	35,769	-	3,974	-	-	-	39,743	-	357	*
Strip Permit No. 4-135	Clarion	85,592	-	9,510	-	-	-	95,102	-	357	17
Strip Permit No. 4-143	Venango	74,122	-	8,236	-	-	-	82,358	-	357	*
Strip Permit No. 4-147	Clarion	3,597	-	400	-	-	-	3,997	-	30	*
Strip Permit No. 4-154	Clarion	156,590	-	17,399	-	-	-	173,989	-	357	25
Strip Permit No. 4-156	Clarion	35,761	-	3,974	-	-	-	39,735	-	89	*
Strip Permit No. 4-163	Clarion	60,981	-	6,776	-	-	-	67,757	-	89	*
Strip Permit No. 4-168	Venango	19,984	-	2,220	-	-	-	22,204	-	118	*
Strip Permit No. 1508-1(a)	Venango	753,793	-	83,756	-	-	-	837,549	-	86	-
Total											
Chernicky Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	161	3
Strip Permit No. 1423-3	Clarion	15,224	-	1,506	-	-	-	16,730	-	230	8
Strip Permit No. 1423-7	Clarion	67,170	-	6,643	-	-	-	73,813	-	157	8
Strip Permit No. 1423-14	Clarion	16,298	-	1,612	-	-	-	17,910	-	78	*
Strip Permit No. 1423-15	Clarion	29,327	-	2,901	-	-	-	32,228	-	52	*
Strip Permit No. 1423-16	Clarion	128,019	-	12,662	-	-	-	140,681	-	19	-
Total											
Chutz Contracting Ltd.	Venango	-	-	96,587	-	-	-	96,587	-	286	10
Strip Permit No. 650-7, 8 & 9	Venango	-	-	23,157	-	-	-	23,157	-	301	5
Cotterman Coal Co., W. A.	Venango	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 603-15	Venango	-	-	20,655	-	-	-	20,655	-	277	7
Equitable Coal Co.	Clarion	-	-	213	-	-	-	213	-	5	*
Strip Permit No. 1253-1	Venango	-	-	50,470	-	-	-	50,470	-	256	5
Strip Permit No. 1253-4	Venango	-	-	1,528	-	-	-	1,528	-	63	*
Strip Permit No. 1253-5	Venango	-	-	3,073	-	-	-	3,073	-	43	*
Strip Permit No. 1253-6	Venango	-	-	75,939	-	-	-	75,939	-	12	-
Strip Permit No. 1253-6A	Venango	-	-	-	-	-	-	-	-	-	-
Total											
FW & RR, Inc.	Venango	-	-	4,591	-	-	-	4,591	-	60	6
Strip Permit No. 1547-3	Venango	-	-	-	-	-	-	-	-	-	-

District 37

	Production of Coal & Coke - Net Tons									
	Shipped to Market					Coal Used		Total Production of Coal		Non-Fatal acci-
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Locally for Domestic Purposes	Used in Manu- facture of Coke	Production of Coal	of Coke	
Operators and Mines										
FW & RK, Inc. (Continued)										
Strip Permit No. 1547-4	-	-	23,084	-	-	-	-	23,084	150	-
	-	-	27,675	-	-	-	-	27,675	6	-
Total										
Glacial Minerals, Inc.										
Strip Permit No. 1257-1	37,137	-	14,679	-	-	-	-	51,816	195	31
Strip Permit No. 1257-1(A4)	11,055	-	4,977	-	-	-	-	16,032	100	*
Strip Permit No. 1257-5(A2)	2,712	-	1,240	-	-	-	-	3,952	96	*
Strip Permit No. 1257-6	16,240	-	7,418	-	-	-	-	23,658	60	*
Strip Permit No. 1257-7	10,699	-	4,888	-	-	-	-	15,587	98	*
Strip Permit No. 1257-7A	21,169	-	9,670	-	-	-	-	30,839	182	32
Strip Permit No. 1257-8A	38,289	-	17,489	-	-	-	-	55,778	268	26
Strip Permit No. 1257-9	18,877	-	8,622	-	-	-	-	27,499	126	*
Total	156,178	-	68,983	-	-	-	-	225,161	89	-
Henry, Lester C.										
Strip Permit No. 1816-1	-	-	20,942	-	-	-	-	20,942	187	2
Jack Brothers Construction Co.										
Strip Permit No. 450-10	-	-	16,737	-	-	-	-	16,737	173	3
Lucas Coal Co., Inc.										
Strip Permit No. 1680-7	-	-	50,945	-	-	-	-	50,945	250	10
McCauley, C.A.										
Strip Permit No. 1902-1(b)	-	-	8,963	-	-	-	-	8,963	55	3
Pengrove Coal Co.										
Strip Permit No. 74-12	-	-	249,542	-	-	-	-	249,542	280	37
Strip Permit No. 74-14	-	-	148,422	-	-	-	-	148,422	()	1
Strip Permit No. 74-13	-	-	193,392	-	-	-	-	193,392	287	35
Total	-	-	591,356	-	-	-	-	591,356	72	-
Phillips, Merle H.										
Strip Permit No. 613-10	-	-	63,721	-	-	-	-	63,721	306	13
Rockland Mining Co.										
Strip Permit No. 1106-1(A253)	-	-	55,120	-	-	-	-	55,120	261	9
Strip Permit No. 1106-2	-	-	3,265	-	-	-	-	3,265	17	()
Total	-	-	58,385	-	-	-	-	58,385	9	-
Romanko Brothers Enterprises, Inc.										
Strip Permit No. 1768-1(b)	-	-	9,378	-	-	-	-	9,378	157	3

District 37

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used		Coal Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke	
		By Rail	By Water	By Truck	Purposes	Domestic					
Siegel, Thomas E.	Clarion	-	-	61,614	-	-	-	61,614	-	271	6
Strip Permit No. 1210-6											
Siegel Coal Co., Harold A.	Clarion	-	-	70,894	-	-	-	70,894	-	298	21
Strip Permit No. 8-19											
Strip Permit No. 8-22	Clarion	-	-	23,605	-	-	-	23,605	-	298	7
Total		-	-	94,499	-	-	-	94,499	-	28	2
Vendale Coal Co., Inc.	Venango	-	-	48,217	-	-	-	48,217	-	153	18
Strip Permit No. 1837-2											
Strip Permit No. 1837-3	Venango	-	-	60,087	-	-	-	60,087	-	229	7
Strip Permit No. 1215-3(c)	Venango	-	-	17,469	-	-	-	17,469	-	132	7
Total		-	-	125,773	-	-	-	125,773	-	25	1
Weaver Contracting, Inc.	Venango	-	-	45,670	-	-	-	45,670	-	196	3
Strip Permit No. 1356-1											
Strip Permit No. 1356-3	Venango	-	-	23,748	-	-	-	23,748	-	118	3
Total		-	-	69,418	-	-	-	69,418	-	6	-
Weaver & Sons, A.P..	Clarion	4,197	-	37,776	-	-	-	41,973	-	308	7
Strip Permit No. 144-12											
Strip Permit No. 144-22	Clarion	2,997	-	16,888	-	-	-	19,885	-	301	5
Strip Permit No. 144-23	Clarion	-	-	16,455	-	-	-	16,455	-	273	5
Total		7,194	-	71,119	-	-	-	78,313	-	17	-
Winger Coal Co., Inc.	Venango	-	-	55,173	3	-	-	55,176	-	266	9
Strip Permit No. 401-9											
Zacherl Coal Co., Inc.	Clarion	34,977	-	23,319	-	-	-	58,296	-	307	13
Strip Permit No. 73-26, 27 & 32											
District Total		1,080,161	-	1,769,397	3	-	-	2,849,561	-	283	460

NOTE: (a) Mining under contract with Oil City Coal, Inc.
 (b) Information taken from monthly reports as no Annual Report was submitted.
 (c) Formerly operated by Clarion Realty Company.
 * Men included with those at other operations, same company.

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	For Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Fatal Accidents
Adams, Mervin J.	Jefferson	4,827	-	-	-	-	4,827	-	179	1	-
Strip Permit No. 1038-2	Jefferson	-	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R.D.	Jefferson	15,805	-	1,420	1,513*	-	18,738	-	186	6	-
Strip Permit No. 151-60	Jefferson	5,516	-	7,796	9,956*	-	23,268	-	108	7	-
Strip Permit No. 151-68(G)(A-2)	Jefferson	21,321	-	9,216	11,469	-	42,006	-	-	13	-
Total											
Burkett Coal Co., L & L	Jefferson	-	-	8,125	-	-	8,125	-	254	7)	-
Strip Permit No. 1308-1C	Jefferson	-	-	11,262	-	-	11,262	-	254	-	-
Strip Permit No. 1673-1	Jefferson	-	-	335	-	-	335	-	72	-	-
Strip Permit No. 1673-2	Jefferson	-	-	19,722	-	-	19,722	-	7	-	-
Total											
Caylor, V. Glenn	Jefferson	-	-	3,500	-	-	3,500	-	160	1	-
Strip Permit No. 1135-1	Jefferson	-	-	-	-	-	-	-	-	-	-
Compass Coal Co., Inc.	Jefferson	-	-	5,219	-	-	5,219	-	94	7	-
Strip Permit No. 33-13	Jefferson	-	-	-	-	-	-	-	-	-	-
Doverspike Bros. Coal Co.	Jefferson	37,091	-	-	-	-	37,091	-	256	6	-
Strip Permit No. 567-12&13	Jefferson	38,992	-	-	-	-	38,992	-	256	7	-
Strip Permit No. 567-41	Jefferson	11,077	-	-	-	-	11,077	-	105	4	-
Strip Permit No. 567-44	Jefferson	17,323	-	-	-	-	17,323	-	187	4	-
Strip Permit No. 567-52	Jefferson	16,470	-	-	-	-	16,470	-	55	6	-
Strip Permit No. 567-59	Jefferson	28,343	-	-	-	-	28,343	-	151	5	-
Strip Permit No. 567-64	Jefferson	149,296	-	-	-	-	149,296	-	32	-	-
Total											
Fran Contracting, Inc.	Jefferson	-	-	33,963	-	-	33,963	-	185	8	-
Strip Permit No. 1073-12 & 12A	Jefferson	-	-	-	-	-	-	-	-	-	-
Glen Irvan Corp.	Jefferson	-	-	-	-	-	-	-	20	5	-
Strip Permit No. 671-12	Jefferson	-	-	6,140	-	-	6,140	-	39	5	-
Strip Permit No. 671-17	Jefferson	-	-	6,140	-	-	6,140	-	10	-	-
Total											
Glenn Coal Co., Div. of	Jefferson	229,790	-	21,155	-	-	1,226	-	148	2	-
Champion Coal Co., Inc.	Jefferson	-	-	-	-	-	1,399	-	127	2	-
Strip Permit No. 343-19	Jefferson	-	-	-	-	-	48,830	-	255	9	-
Strip Permit No. 343-20	Jefferson	-	-	-	-	-	-	-	114	2	-
Strip Permit No. 343-24	Jefferson	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 343-25	Jefferson	-	-	-	-	-	-	-	-	-	-

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average age of Em-ployees	
		By Rail	By Water	By Truck	For Domestic Purposes	Manu-facture of Coke	tion of Coal	tion of Coke	Days Worked	Fatal acci-dents	Non-fatal acci-dents
Glenn Coal Co., Div. of Champion Coal Co., Inc. (continued)	Jefferson	-	-	-	-	-	11,812	-	248	9	-
Strip Permit No. 1403-5	Jefferson	-	-	-	-	-	-	-	58	2	-
Strip Permit No. 1403-6	Jefferson	-	-	-	-	-	22,795	-	177	9	-
Strip Permit No. 1403-8	Jefferson	-	-	-	-	-	11,782	-	245	5	-
Strip Permit No. 1403-9	Jefferson	-	-	-	-	-	18,396	-	284	9	-
Strip Permit No. 1403-10	Jefferson	-	-	-	-	-	89,782	-	261	9	-
Strip Permit No. 1403-12	Jefferson	-	-	-	-	-	34,497	-	219	7	-
Strip Permit No. 1403-15	Jefferson	-	-	-	-	-	7,947	-	91	5	-
Strip Permit No. 1403-17	Jefferson	-	-	-	-	-	2,479	-	16	5	-
Strip Permit No. 1403-20	Jefferson	-	-	-	-	-	250,945	-	75	-	-
Total		229,790	-	21,155	-	-	-	-	-	-	-
Harmon Coal Co.	Jefferson	12,121	-	-	-	-	12,121	-	250	7	-
Strip Permit No. 514-12	Jefferson	-	-	-	-	-	-	-	232	5	-
J.O.I. Coal Corp.	Jefferson	-	-	15,522	-	-	15,522	-	-	-	-
Strip Permit No. 1776-1 & 1A	Jefferson	-	-	-	-	-	-	-	-	-	-
Kann Coal Co., Inc.	Jefferson	88,046	-	-	-	-	88,046	-	305	32	7
Strip Permit No. 621-6&1714-8	Jefferson	-	-	-	-	-	-	-	-	-	-
Keystone Mining Co.	Jefferson	-	-	1,871	-	-	1,871	-	80	2	-
Strip Permit No. 1647-1	Jefferson	-	-	2,933	-	-	2,933	-	48	-	-
Strip Permit No. 1647-2	Jefferson	-	-	5,139	-	-	5,139	-	89	-	-
Strip Permit No. 1647-4	Jefferson	-	-	41,118	-	-	41,118	-	108	15	1
Strip Permit No. 1647-5 Refuse	Jefferson	-	-	51,061	-	-	51,061	-	17	-	1
Total		-	-	51,061	-	-	-	-	-	-	-
Markle-Bullers Coal Co.	Jefferson	-	-	4,516	-	-	4,516	-	155	3	-
Strip Permit No. 504-37	Jefferson	4,069	-	1,114	-	-	5,183	-	140	3	-
Strip Permit No. 504-42	Jefferson	32,786	-	19,561	-	-	52,347	-	168	10	-
Strip Permit No. 504-45	Jefferson	36,855	-	25,191	-	-	62,046	-	16	-	-
Total		-	-	25,191	-	-	-	-	-	-	-
Meterko, Andrew R.	Jefferson	-	-	3,669	-	-	3,669	-	114	2	-
Strip Permit No. 1878-1	Jefferson	-	-	-	-	-	-	-	-	-	-
Minich, Darl	Jefferson	-	-	15,258	-	-	15,258	-	131	3	-
Strip Permit No. 415-7	Jefferson	-	-	-	-	-	-	-	-	-	-
Moore Coal Co., Everett	Jefferson	-	-	5,757	-	-	5,757	-	169	2	-
Strip Permit No. 157-13	Jefferson	-	-	-	-	-	-	-	-	-	-

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average No. Fatal Non-	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	Days of Worked	Em- ployes	Fatal acci- dents
Moore Coal Co., Everett (continued)	Jefferson	-	-	6,293	-	-	6,293	-	200	2	-
Strip Permit No. 157-14	Jefferson	-	-	12,050	-	-	12,050	-	4	-	-
Total											
P & N Coal Co., Inc.	Jefferson	102,469	-	-	-	-	102,469	-	235	35	15
Strip Permit No. 32-49	Jefferson	27,888	-	-	-	-	27,888	-	126	-	-
Strip Permit No. 32-80	Jefferson	3,326	-	-	-	-	3,326	-	10	-	-
Strip Permit No. 32-83	Jefferson	18,590	-	-	-	-	18,590	-	121	-	-
Strip Permit No. 32-88	Jefferson	58,328	-	-	-	-	58,328	-	217	11	-
Strip Permit No. 32-81	Clearfield	210,601	-	-	-	-	210,601	-	46	-	15
Total											
P&Y Coal Co.	Jefferson	8,644	-	-	-	-	8,644	-	319	8	-
Strip Permit No. 1583-1	Jefferson	1,986	-	-	-	-	1,986	-	-	-	-
Auger-BAM-766	Jefferson	10,630	-	-	-	-	10,630	-	8	-	-
Total											
Park, Sarah L.	Jefferson	20,872	-	-	-	-	20,872	-	189	6	-
Strip Permit No. 1733-1	Jefferson	-	-	-	-	-	-	-	20	2	-
Reiner, Melvin	Jefferson	-	-	-	-	-	-	-	123	-	-
Strip Permit No. 1277-1	Jefferson	-	-	8,181	-	-	8,181	-	-	-	-
Strip Permit No. 1277-1A	Jefferson	-	-	8,181	-	-	8,181	-	2	-	-
Total											
Shaffer, Cecil	Jefferson	-	-	-	-	-	-	-	152	3	-
Strip Permit No. 1167-10	Jefferson	-	-	-	-	-	-	-	113	8	-
Sky Haven Coal, Inc.	Jefferson	-	-	12,490	-	-	12,490	-	200	8	1
Strip Permit No. 1812-24	Jefferson	-	-	30,769	-	-	30,769	-	197	1	-
Spring Valley Coal Co., Inc.	Jefferson	-	-	8,966	-	-	8,966	-	251	3	-
Strip Permit No. 1723-1	Jefferson	-	-	2,070	-	-	2,070	-	200	325	24
Stanford, Richard	Jefferson	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1205-1	Jefferson	-	-	-	-	-	-	-	-	-	-
Yenzi, John R., Jr.	Jefferson	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1529-1	Jefferson	12,269	-	-	-	-	12,269	-	-	-	-
Total											
District Total		796,628	-	284,142	11,469	-	1,092,239	-	200	325	24

NOTE: * Stockpiled.

District 38A

Operators and Mines	County	Production of Coal & Coke - Net Tons											
		Shipped to Market			Coal Used		Total Production of Coal		Total Production of Coke		Average Days Worked		Fatal accidents
		By Rail	By Water	By Truck	Locally	Manu- facture of Coke	of Coal	of Coke	Days	Worked			
Baughman Coal Co., Inc., R.D.	Jefferson	3,895	-	600	-	-	4,495	-	176	5	-	-	
Strip Permit No. 151-66	Jefferson	75,040	-	1,125	-	-	76,165	-	191	11	-	-	
Strip Permit No. 151-74	Jefferson	13,578	-	24,136	-	-	37,714	-	203	8	-	-	
Special Project No. 475	Jefferson	92,513	-	25,861	-	-	118,374	-	24	-	-	-	
Total													
Becker, Blake, Jr.	Jefferson	-	-	213	-	-	213	-	82	*	-	-	
Strip Permit No. 1367-1	Jefferson	-	-	13,854	-	-	13,854	-	174	8	-	-	
Strip Permit No. 1367-2	Jefferson	-	-	26,825	-	-	26,825	-	186	19	-	-	
Strip Permit No. 1367-3	Jefferson	-	-	1,356	-	-	1,356	-	179	4	-	-	
Strip Permit No. 1367-4	Jefferson	-	-	16,954	-	-	16,954	-	103	11	-	1	
Strip Permit No. 1367-13	Jefferson	-	-	59,202	-	-	59,202	-	42	-	-	1	
Total													
Benjamin Coal Co.	Jefferson	84,262	-	-	-	-	84,262	-	220	14	-	-	
Strip Permit No. 64-130	Jefferson	104,192	-	-	-	-	104,192	-	221	16	-	-	
Strip Permit No. 64-137	Jefferson	49,908	-	-	-	-	49,908	-	209	17	-	1	
Strip Permit No. 64-139	Jefferson	69,022	-	-	-	-	69,022	-	220	7	-	1	
Strip Permit No. 64-152	Jefferson	307,384	-	-	-	-	307,384	-	54	-	-	2	
Total													
Boyer Coal Co.	Jefferson	-	-	-	-	-	-	-	31	-	-	-	
Strip Permit No. 269-6	Jefferson	1,503	-	990	-	-	2,493	-	174	2	-	-	
Strip Permit No. 269-7	Jefferson	1,503	-	990	-	-	2,493	-	2	-	-	-	
Total													
Brockway Clay Co.	Jefferson	4,390	-	612	-	-	5,002	-	77	3	-	-	
Strip Permit No. 768-1CA	Jefferson	-	-	15,014	-	-	15,014	-	132	5	-	-	
Brookvalley Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 1335-1	Jefferson	-	-	-	-	-	-	-	-	-	-	-	
Brubaker Bros. Coal Co.	Jefferson	-	-	3,224	904	-	4,128	-	163	3	-	-	
Strip Permit No. 53-4	Jefferson	-	-	-	-	-	-	-	-	-	-	-	
Calhoun, Dwight M.	Jefferson	-	-	5,188	-	-	5,188	-	172	2	-	-	
Strip Permit No. 262-1	Jefferson	-	-	-	-	-	-	-	-	-	-	-	
Chernicky Coal Co., Inc.	Jefferson	25,614	-	2,533	-	-	28,147	-	182	7	-	-	
Strip Permit No. 1423-8	Jefferson	20,545	-	2,032	-	-	22,577	-	336	29	-	-	
Strip Permit No. 1423-9	Jefferson	61,585	-	6,091	-	-	67,676	-	-	-	-	-	
Strip Permit No. 1423-10	Jefferson	9,188	-	909	-	-	10,097	-	-	-	-	-	
Strip Permit No. 1423-11	Jefferson	-	-	-	-	-	-	-	-	-	-	-	

District 38A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Aver- age No. of Em- ployees	
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	Days Worked	Fatal acci- dents	Non-fatal accidents
Chernicky Coal Co., Inc. (Continued)	Strip Permit No. 1423-12	55,451	-	5,484	-	-	60,935	-	-	-	-
	Strip Permit No. 1423-13	14,286	-	1,413	-	-	15,699	-	-	-	-
	Total	186,669	-	18,462	-	-	205,131	-	-	36	-
Deemer, Fred A. Jr.	Strip Permit No. 1445-1	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 1445-2	-	-	9,614	-	-	9,614	-	175	2	-
	Total	-	-	9,614	-	-	9,614	-	2	-	-
DeSalve Mining	Strip Permit No. 1711-1	-	-	29,915	-	-	29,915	-	252	4	-
	Strip Permit No. 154-13	11,610	-	315	-	-	11,925	-	187	3	-
	Strip Permit No. 154-14	2,106	-	-	-	-	2,106	-	84	3	-
	Strip Permit No. 154-15	2,069	-	11,236	-	-	13,305	-	259	3	-
Doan Coal Co.	Strip Permit No. 154-17	20,712	-	3,266	-	-	23,978	-	204	3	-
	Strip Permit No. 154-19	6,540	-	2,119	-	-	8,659	-	90	3	-
	Total	43,037	-	16,936	-	-	59,973	-	15	-	-
Doverspike Bros. Coal Co.	Strip Permit No. 567-36, 37, 47, 50, 49, 69	77,770	-	-	-	-	77,770	-	260	13	-
	Strip Permit No. 567-35	5,915	-	-	-	-	5,915	-	105	5	-
	Strip Permit No. 567-42	33,753	-	-	-	-	33,753	-	164	8	-
	Strip Permit No. 567-51 & 53	37,211	-	-	-	-	37,211	-	197	5	-
Fye, Elmer	Strip Permit No. 567-55, 56, 60, 62, 63	43,487	-	-	-	-	43,487	-	246	6	-
	Total	198,136	-	-	-	-	198,136	-	37	-	-
Gearhart, Alvin	Strip Permit No. 1008-2	-	-	4,209	-	-	4,209	-	180	1	-
	Strip Permit No. 632-6 & 8	-	-	19,240	-	-	19,240	-	190	4	-
	Strip Permit No. 632-11 & 12	-	-	22,400	-	-	22,400	-	210	4	-
	Strip Permit No. 632-11A	-	-	5,180	-	-	5,180	-	190	2	-
Total	Strip Permit No. 632-12A	-	-	26,700	-	-	26,700	-	220	3	-
	Total	-	-	73,520	-	-	73,520	-	13	-	-

District 38A

	County	Production of Coal & Coke - Net Tons										Non-Fatal accidents
		Shipped to Market		Coal Used		Used in Manufacture of Coke		Total Production of Coal		Average Days Worked by Employees		
Operators and Mines		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal accidents	
Glen Irvan Corp.	Jefferson	-	-	27,409	-	-	27,409	-	251	9	-	
Strip Permit No. 671-6												
Glenn Coal Co., Div. of	Jefferson	29,057	-	-	-	-	29,057	-	244	10	-	
Champion Coal Co., Inc.	Jefferson	327	-	-	-	-	327	-	155	3	-	
Strip Permit No. 1403-3												
Strip Permit No. 1403-4		29,384	-	-	-	-	29,384	-	13	-	-	
Total												
Hanley Co.	Jefferson	-	-	1,928	-	-	1,928	-	61	1	-	
Strip Permit No. 886-3												
Hepburnia Coal Co.	Jefferson	24,718	-	-	-	-	24,718	-	173	3	1	
Strip Permit No. 14-62												
Ingram Coal Co.	Jefferson	76,688	-	-	-	-	76,688	-	285	15	-	
Strip Permit No. 1476-2												
Jefferson-Clearfield Coal Co., Inc.	Jefferson	-	-	206,962	-	-	206,962	-	300	34	1	
Strip Permit No. 1777-1&1A	Jefferson	-	-	50,138	-	-	50,138	-	94	-	-	
Strip Permit No. 1777-3		-	-	257,100	-	-	257,100	-	34	-	1	
Total												
K. I. T. Industries	Jefferson	-	-	8,210	-	-	8,210	-	237	2	-	
Strip Permit No. 1417-1 & 4	Jefferson	-	-	67,079	-	-	67,079	-	3	-	1	
Strip Permit No. 1417-5		-	-	75,289	-	-	75,289	-	5	-	1	
Total												
Krach and Gearhart	Jefferson	-	-	9,756	-	-	9,756	-	180	3	-	
Strip Permit No. 1497-1												
Neal Coal Corp., Howard	Jefferson	9,784	-	-	-	-	9,784	-	120	4	-	
Strip Permit No. 1442-3												
R. E. M. Coal Co., Inc.	Jefferson	57,808	-	-	-	-	57,808	-	292	6	-	
Strip Permit No. 932-11	Jefferson	80,875	-	-	-	-	80,875	-	292	9	-	
Strip Permit No. 932-17	Jefferson	9,631	-	-	-	-	9,631	-	70	4	-	
Strip Permit No. 932-19	Jefferson	2,618	-	-	-	-	2,618	-	22	-	-	
Special Project No. 417		150,932	-	-	-	-	150,932	-	19	-	-	
Total												
Rice Coal Co.	Jefferson	-	-	5,019	-	-	5,019	-	165	1	-	
Strip Permit No. 1354-1												
Rosio Coal Co.	Jefferson	2,589	-	-	-	-	2,589	-	240	1	-	
Strip Permit No. 1739-1												
Shaffer Mining Co.	Jefferson	-	-	31,568	-	-	31,568	-	300	6	-	
Strip Permit No. 1581-4												

District 38A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coke	Total Production of Coal	Total Production of Coke	Average Days of Worked	No. of Em- ployes	Non- fatal acci- dents
Sky Haven Coal, Inc. Strip Permit No. 1812-6 Strip Permit No. 1812-7	Jefferson	-	-	12,524	-	-	12,524	-	256	4	-
	Jefferson	-	-	11,344	-	-	11,344	-	250	3	-
	Total	-	-	23,868	-	-	23,868	-	7	-	-
Smith, Calvin C. Strip Permit No. 1494-2 Strip Permit No. 1494-3	Jefferson	-	-	24,304	-	-	24,304	-	287	5	-
	Jefferson	3,524	-	26,782	-	-	30,306	-	287	6	-
	Total	3,524	-	51,086	-	-	54,610	-	11	-	-
Smith Coal Co., A.A. Strip Permit No. 1572-2	Jefferson	-	-	22,385	-	-	22,385	-	243	6	-
	Jefferson	150,158	-	38,925	453	-	189,536	-	354	27	-
	Jefferson	116,483	-	-	-	-	116,483	-	354	19	-
Stahlman Coal Co., Inc., W.P. Strip Permit No. 9-32 Strip Permit No. 9-43 Strip Permit No. 9-47 Strip Permit No. 9-48 Strip Permit No. 9-50 Strip Permit No. 9-53 Strip Permit No. 9-54 Strip Permit No. 9-55	Jefferson	-	-	-	-	-	-	-	27	*	-
	Jefferson	1,946	-	-	-	-	1,946	-	109	9	-
	Jefferson	15,434	-	6,563	-	-	21,997	-	225	9	-
Strip Permit No. 9-57	Jefferson	-	-	-	-	-	-	-	110	*	-
	Jefferson	89,394	-	11,991	210	-	101,595	-	354	23	-
	Jefferson	525	-	6,833	-	-	7,358	-	95	*	-
Total		373,940	-	64,312	663	-	438,915	-	87	-	-
Start, Ivan Jr. Strip Permit No. 368-4 Strip Permit No. 368-6	Jefferson	-	-	68,800	-	-	68,800	-	296	6	-
	Jefferson	-	-	7,300	-	-	7,300	-	50	4	-
	Total	-	-	76,100	-	-	76,100	-	10	-	-
Strishock Coal Co. Strip Permit No. 214-16 Strip Permit No. 214-17	Jefferson	18,546	-	-	-	-	18,546	-	164	6	-
	Jefferson	61,232	-	-	-	-	61,232	-	245	16	-
	Total	79,778	-	-	-	-	79,778	-	22	-	-
Sugar Hill Limestone Co. Strip Permit No. 496-10 Strip Permit No. 496-11 & 12 Strip Permit No. 496-16	Jefferson	-	-	29,672	-	-	29,672	-	263	10	-
	Jefferson	-	-	18,918	-	-	18,918	-	263	7	-
	Jefferson	-	-	6,004	-	-	6,004	-	50	2	-
Total		-	-	54,594	-	-	54,594	-	19	-	-

District 38A

		Production of Coal & Coke - Net Tons										
		Shipped to Market			Coal Used		Used in		Total	Aver-	Non-	
		By	By	Truck	for	Manu-	facture	tion	Produc-	age	No.	Fatal
		Rail	Water		Domestic	of Coke		of Coal	tion	Days	Em- acci-	Fatal
	County				Purposes				of Coke	Worked	ployes	accidents
	Operators and Mines											
	I. & I. Clay Co.											
	Strip Permit No. 1126-4	-	-	35,365	-	-	-	35,365	-	133	15)	-
	Strip Permit No. 1126-5	-	-	4,057	-	-	-	4,057	-	101)	-
	Total	-	-	39,422	-	-	-	39,422	-		15	-
	Thomas Coal Co., Inc.											
	Strip Permit No. 42-20	-	-	27,823	-	-	-	27,823	-	168	6	-
	Thomas Fuels, Inc.											
	Strip Permit No. 1615-5	-	-	14,643	500	-	-	15,143	-	284	7	-
	Thompson Fuel Co.											
	Strip Permit No. 1861-2	-	-	5,724	-	-	-	5,724	-	147	1	-
	Williams Coal Co.											
	Strip Permit No. 1712-1	-	-	-	31	-	-	31	-	165	1	-
	District Total	1,584,969	-	1,050,773	2,098	-	-	2,637,840	-	246	549	6

NOTE: * Men included with those at other operations, same company.

District 39

Indiana	Arcadia Co., Inc., The Strip Permit No. 164-13	54,639	-	-	-	-	-	-	54,639	-	205	9	-
Indiana	Strip Permit No. 164-14	12,112	-	-	-	-	-	-	12,112	-	205	8	-
Indiana	Strip Permit No. 164-19	-	-	-	-	-	-	-	-	-	144	*	-
Indiana	Strip Permit No. 164-20	31,723	-	-	-	-	-	-	31,723	-	205	9	-
Indiana	Strip Permit No. 164-21	87	-	-	-	-	-	-	87	-	142	2	-
Indiana	Strip Permit No. 164-22	8,778	-	-	-	-	-	-	8,778	-	205	7	-
Indiana	Strip Permit No. 164-25	-	-	-	-	-	-	-	-	-	98	*	-
Indiana	Strip Permit No. 164-26	6,772	-	-	-	-	-	-	6,772	-	159	3	-
Total		114,111	-	-	-	-	-	-	114,111	-	38	-	-
Indiana	B.B.S. Coal Co. Strip Permit No. 1273-1	-	-	3,729	-	-	-	-	3,729	-	110	14	-
Indiana	Strip Permit No. 1273-2	-	-	19,753	-	-	-	-	19,753	-	221	-	-
Indiana	Auger-BAM-836	-	-	5,871	-	-	-	-	5,871	-	54	4	-

District 39

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke	
		By Rail	By Water	By Truck	Locally for Domestic Purposes						
B.E.S. Coal Co. (continued)											
Auger-BAM-900	Indiana	-	-	1,567	-	-	-	1,567	-	12	-
Auger-BAM-904	Indiana	-	-	1,589	-	-	-	1,589	-	16	-
Auger-BAM-904(A1)	Indiana	-	-	5,834	-	-	-	5,834	-	43	-
Total		-	-	38,343	-	-	-	38,343	-	18	-
Becker Coal Co., Paul F.											
Strip Permit No. 1832-1	Indiana	-	-	-	31,382	-	-	31,382	-	140	5
Benjamin Coal Co.											
Strip Permit No. 64-95	Indiana	104,142	-	-	-	-	-	104,142	-	220	11
Strip Permit No. 64-104	Indiana	9,101	-	-	-	-	-	9,101	-	199	13
Strip Permit No. 64-127	Indiana	70,352	-	-	-	-	-	70,352	-	220	14
Strip Permit No. 64-132	Indiana	30,525	-	-	-	-	-	30,525	-	218	11
Strip Permit No. 64-158	Indiana	67,803	-	-	-	-	-	67,803	-	220	15
Strip Permit No. 64-189	Indiana	44,135	-	-	-	-	-	44,135	-	174	5
Strip Permit No. 64-194-195	Indiana	24,032	-	-	-	-	-	24,032	-	108	9
Strip Permit No. 107-6	Indiana	24,133	-	-	-	-	-	24,133	-	216	7
Strip Permit No. 107-10	Indiana	47,992	-	-	-	-	-	47,992	-	216	8
Total		422,215	-	-	-	-	-	422,215	-	93	3
C & C Coal Co.											
Strip Permit No. 1197-9	Indiana	-	-	7,668	-	-	-	7,668	-	72	4
Strip Permit No. 1197-10	Indiana	-	-	20,240	-	-	-	20,240	-	200	4
Total		-	-	27,908	-	-	-	27,908	-	8	-
Cookport Coal Co., Inc.											
Strip Permit No. 1887-1	Indiana	-	-	21,155	-	-	-	21,155	-	155	4
Doverspike Brothers Coal Co.											
Strip Permit No. 567-30, 57&58	Indiana	95,513	-	-	-	-	-	95,513	-	254	11
F. L. K. Mining Co.											
Strip Permit No. 1756-1	Indiana	-	-	12,000	-	-	-	12,000	-	120	3
GARD Mining, Inc.											
Strip Permit No. 1823-1	Indiana	-	-	18,087	-	-	-	18,087	-	94	6
Strip Permit No. 1823-2	Indiana	-	-	20,895	-	-	-	20,895	-	92	-
Total		-	-	38,982	-	-	-	38,982	-	6	-
Glen Irvan Corp.											
Strip Permit No. 671-5	Indiana	-	-	5,242	-	-	-	5,242	-	105	3
Strip Permit No. 671-8	Indiana	-	-	3,200	-	-	-	3,200	-	100	-
Total		-	-	8,442	-	-	-	8,442	-	3	-
Houser, William C.											
Strip Permit No. 1333-1	Indiana	-	-	24,607	-	-	-	24,607	-	224	8

District 39

		Production of Coal & Coke - Net Tons									
		Shipped to Market			Coal Used			Total Production of Coal			Non-Fatal acci- dents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Em- ployes	
County	Operators and Mines										
Indiana	Strip Permit No. 1840-1	-	-	9,437	-	-	9,437	-	207	4	-
	M & R Coal Co.	-	-	4,000	-	-	4,000	-	150	5	-
	Strip Permit No. 1720-2	-	-	8,855	-	-	8,855	-	-	-	-
	Strip Permit No. 1720-3	-	-	4,000	-	-	4,000	-	-	-	-
Indiana	Strip Permit No. 1720-3A	-	-	16,855	-	-	16,855	-	-	5	-
	Total										
Indiana	Marion Center Mining Co.	13,879	-	-	-	-	13,879	-	185	4	-
	Strip Permit No. 212-6	24,579	-	-	-	-	24,579	-	189	3	-
	Strip Permit No. 212-8	38,458	-	-	-	-	38,458	-	7	-	-
Indiana	McIntire Coal Co., Inc., William	-	-	8,175	-	-	8,175	-	81	4	-
	Strip Permit No. 638-6 & 9	-	-	-	-	-	-	-	115	3	-
Indiana	Mears Coal Co.	2,375	-	-	-	-	2,375	-	203	2	-
	Strip Permit No. 3-11	7,247	-	-	-	-	7,247	-	187	3	-
	Strip Permit No. 3-14	14,423	-	-	-	-	14,423	-	195	3	-
	Strip Permit No. 3-16	8,294	-	-	-	-	8,294	-	120	3	-
	Strip Permit No. 3-17	6,338	-	-	-	-	6,338	-	238	4	-
	Strip Permit No. 3-18	29,702	-	-	-	-	29,702	-	91	2	-
	Strip Permit No. 3-20	4,706	-	-	-	-	4,706	-	21	3	-
	Special Project No. 309	4,150	-	-	-	-	4,150	-	43	-	-
	Auger-BAM-643	6,738	-	-	-	-	6,738	-	35	-	-
	Auger-BAM-829	3,598	-	-	-	-	3,598	-	-	-	-
	Auger-BAM-848	87,571	-	-	-	-	87,571	-	23	-	-
	Total										
Indiana	North Cambria Fuel Co.	17,036	-	-	-	-	17,036	-	133	4	-
	Strip Permit No. 10-46	-	-	-	-	-	-	-	170	2	-
Indiana	Oak Tree Coal Co.	-	-	-	-	-	-	-	85	3	-
	Strip Permit No. 1695-1 & 2	-	-	-	-	-	-	-	148	-	-
	Old Home Manor, Inc.	-	-	-	-	-	-	-	30	-	-
	Strip Permit No. 615-30	-	-	-	-	-	-	-	47	*	-
	Strip Permit No. 615-31	-	-	-	-	-	-	-	156	4	-
	Strip Permit No. 615-32	-	-	-	-	-	-	-	103	3	-
	Strip Permit No. 615-39	-	-	5,863	-	-	5,863	-	-	-	-
	Strip Permit No. 615-40	-	-	22,971	-	-	22,971	-	-	-	-
	Strip Permit No. 615-46	-	-	10,686	-	-	10,686	-	-	-	-
	Total	-	-	39,520	-	-	39,520	-	10	-	-

District 39

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production		Total Production		Aver-	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	of Coal	of Coke	of Coal	of Coke	Days	No.
											Fatal
											accidents
P & N Coal Co., Inc.	Indiana	52,386	-	-	-	52,386	-	52,386	-	239	12
Strip Permit No. 32-94											
Pennsylvania Mineral Co.	Indiana	-	-	-	-	-	-	-	-	151	2
Strip Permit No. 653-10(a)											
Rayne Mining Co.	Indiana	-	-	16,059	-	16,059	-	16,059	-	211	4
Strip Permit No. 1682-1											
Strip Permit No. 1682-2	Indiana	-	-	5,774	-	5,774	-	5,774	-	211	-
Total		-	-	21,833	-	21,833	-	21,833	-	-	4
Red Gap Coal Co.	Indiana	-	-	31,562	-	31,562	-	31,562	-	240	5
Strip Permit No. 433-9											1
Ruffner Coal Co.	Indiana	-	-	1,376	-	1,376	-	1,376	-	71	2
Strip Permit No. 1269-1											
Sivard Brothers Coal Co.	Indiana	-	-	6,387	-	6,387	-	6,387	-	175	2
Strip Permit No. 513-2A											
T.L.H. Coal Co.	Indiana	-	-	6,183	-	6,183	-	6,183	-	72	8
Strip Permit No. 1478-2											
Strip Permit No. 1478-4	Indiana	-	-	45,779	-	45,779	-	45,779	-	234	10
Strip Permit No. 1478-4A											
Strip Permit No. 1478-5	Indiana	-	-	2,240	-	2,240	-	2,240	-	24	-
Strip Permit No. 1478-5											
Auger-BAM-737	Indiana	-	-	16,104	-	16,104	-	16,104	-	154	10
Auger-BAM-880	Indiana	-	-	4,629	-	4,629	-	4,629	-	22	4
Total		-	-	1,959	-	1,959	-	1,959	-	21	-
Yenzi, John R. Jr.	Indiana	-	-	76,894	-	76,894	-	76,894	-	32	1
Strip Permit No. 1529-3											
District Total		33,014	-	-	-	33,014	-	33,014	-	251	7
		860,304	-	383,476	31,382	1,275,162	-	1,275,162	-	198	322
											10

NOTE: (a) Backfilling only.
 * Men included with those at other operations, same company.

District 39A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		: Coal Used		: Locally		Used in		Total	
		By Rail	By Water	By Truck	By Domestic Purposes	for Manufacture of Coke		Production of Coal	Production of Coke	Average Days of Worked	Non-Fatal Accidents
A & C Coal Co., Inc.	Indiana	-	-	14,657	-	-	-	14,657	-	84	6)
	Strip Permit No. 1111-6(A2&3)	-	-	30,671	-	-	-	30,671	-	119)
	Strip Permit No. 1111-9(A2&3)	-	-	13,428	-	-	-	13,428	-	135	2
	Strip Permit No. 1111-11(A)	-	-	58,756	-	-	-	58,756	-	8	-
	Total	-	-	-	-	-	-	-	-	-	-
Ankeny, Donald	Indiana	-	-	31,957	-	-	-	31,957	-	180	18
	Strip Permit Nos. 287-12 & 1197-11 & 12	-	-	10,545	-	-	-	10,545	-	170	6
	Beilchick Brothers	-	-	20,000	-	-	-	20,000	-	170	7
	Strip Permit No. 95-1	-	-	30,545	-	-	-	30,545	-	13	-
	Strip Permit No. 95-3	-	-	-	-	-	-	-	-	-	-
Bennett, William R.	Indiana	-	-	-	351	-	-	351	-	56	2)
	Strip Permit No. 924-1, 2 & 4	-	-	-	13,083	-	-	13,083	-	148)
	Strip Permit No. 924-3 & 5	-	-	-	13,434	-	-	13,434	-	2	-
	Total	-	-	-	-	-	-	-	-	-	-
Bentley Coal Co., Inc.	Indiana	-	-	16,846	-	-	-	16,846	-	177	9
	Strip Permit No. 938-6	-	-	61,569	-	-	-	61,569	-	177	8
	Strip Permit No. 938-6(A3)	-	-	34,593	-	-	-	34,593	-	177	2
	Strip Permit No. 938-15	-	-	15,225	-	-	-	15,225	-	37	4
	Strip Permit No. 938-17C	-	-	128,233	-	-	-	128,233	-	23	-
Buterbaugh Construction Co.	Indiana	-	-	24,235	-	-	-	24,235	-	139	11)
	Strip Permit No. 1482-1	-	-	10,802	-	-	-	10,802	-	89)
	Strip Permit No. 1482-2	-	-	522	-	-	-	522	-	4	2
	Auger-BAN-786	-	-	35,559	-	-	-	35,559	-	13	-
	Total	-	-	-	-	-	-	-	-	-	-
C&C Coal Co.	Indiana	-	-	1,407	-	-	-	1,407	-	193	3
	Strip Permit No. 1197-7	-	-	18,582	-	-	-	18,582	-	89	4
	Strip Permit No. 1197-8	-	-	27,386	-	-	-	27,386	-	128	6
	Strip Permit No. 1197-11	-	-	29,810	-	-	-	29,810	-	88	12
	Strip Permit No. 1197-12	-	-	77,185	-	-	-	77,185	-	25	-
Dunkard Creek Coal, Inc.	Indiana	-	-	51,176	-	-	-	51,176	-	209	13
	Strip Permit No. 939-2	-	-	4,802	-	-	-	4,802	-	24	2
	Auger-BAN-639	-	-	55,978	-	-	-	55,978	-	15	-
	Total	-	-	-	-	-	-	-	-	-	-

District 39A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average No. of Days of Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	age	No. of Em- ployes	Fatal fatal acci- dents
Fello, Thomas A. Strip Permit No. 572-5(a)	Indiana	-	-	-	-	-	-	-	126	3	-
Foreman, Edward Special Project No. 405	Indiana	-	-	533	-	-	533	-	29	1	-
Freeport Coal Co., Inc. Strip Permit No. 1533-2	Indiana	-	-	26,252	-	-	26,252	-	200	4	-
Glory Coal Co., Inc. Strip Permit No. 1462-2	Indiana	-	-	3,943	-	-	3,943	-	131	2	-
Hawk Contracting, Inc. Strip Permit No. 1259-5	Indiana	-	-	41,742	-	-	41,742	-	257	7	-
Strip Permit No. 1259-6(a)	Indiana	-	-	-	-	-	-	-	50	3	-
Strip Permit No. 1259-12	Indiana	-	-	20,473	-	-	20,473	-	72	10	-
Strip Permit No. 1259-14	Indiana	-	-	20,832	-	-	20,832	-	165	8	-
Total		-	-	83,047	-	-	83,047	-	28	-	-
Head Coal Co. Strip Permit No. 124-8	Indiana	-	-	58,605	-	-	58,605	-	228	6	-
Strip Permit No. 124-9	Indiana	-	-	-	-	-	-	-	10	1	-
Total		-	-	58,605	-	-	58,605	-	7	-	-
Kent Coal Mining Co. (b) Strip Permit No. 482-10 Refuse	Indiana	13,214	-	7,991	-	-	21,205	-	164	4	-
Strip Permit No. 482-11(c)	Indiana	-	-	15,880	-	-	15,880	-	26	6	-
Total		13,214	-	23,871	-	-	37,085	-	10	-	-
Kravetsky, Charles Strip Permit No. 1223-6	Indiana	-	-	10,771	-	-	10,771	-	95	2	-
M & M Mining, Inc. Strip Permit No. 1207-4	Indiana	-	-	13,952	-	-	13,952	-	177	5	-
Strip Permit No. 1207-4A	Indiana	-	-	3,432	-	-	3,432	-	135	4	-
Total		-	-	17,384	-	-	17,384	-	9	-	-
Mac-Mar, Inc. Special Project No. 529	Indiana	-	-	23,130	-	-	23,130	-	180	9	1
Mears Coal Co. Strip Permit No. 3-15(a)	Indiana	-	-	-	-	-	-	-	64	2	-
McIntire Coal Co., Inc., William Strip Permit No. 638-7	Indiana	-	-	9,757	-	-	9,757	-	182	2	-
Negley Coal Co. Strip Permit No. 1467-1C	Indiana	-	-	13,178	-	-	13,178	-	202	2	-

District 39A

[illegible]

District 39A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		: Coal Used		Used in		Total		: Aver-	
		By	By	Locally	for	Domestic	Manufacture	Production	of Coal	age	Days
		Rail	Water	Truck	Purposes	of Coke	of Coke	of Coke	of Coke	Worked	Non-
											Fatal fatal
											accidents
Sable, James R. (continued)	Indiana	-	-	4,256	-	-	-	4,256	-	25	-
Special Project No. 488	Total	-	-	24,287	-	-	-	24,287	-	5	-
Simpson, Marshall J.	Indiana	-	-	928	-	-	-	928	-	34	-
Strip Permit No. 1831-2	Indiana	-	-	-	-	-	-	-	-	-	-
Smith's Blacktop Paving Co.	Indiana	-	-	1,256	-	-	-	1,256	-	28	-
Special Project No. 304	Indiana	-	-	-	-	-	-	-	-	-	-
Weimer, John S.	Indiana	-	-	4,900	-	-	-	4,900	-	141	-
Strip Permit No. 630-1	Indiana	-	-	-	-	-	-	-	-	-	-
West Lebanon Coal, Inc.	Indiana	-	-	43,403	-	-	-	43,403	-	180	-
Strip Permit No. 1376-1	Indiana	-	-	-	-	-	-	-	-	-	-
Woods Coal Co.	Indiana	-	-	4,626	-	-	-	4,626	-	35	-
Strip Permit No. 1113-1 Refuse(d)	Indiana	-	-	-	-	-	-	-	-	-	-
District Total		90,604	-	923,462	13,434	-	-	1,027,500	-	155	290
											4

NOTE: (a) Backfilling.
 (b) Formerly Rochester & Pittsburgh Coal Company.
 (c) Mine completed July 17, 1978.
 (d) Information taken from monthly reports.
 * Men included with those at other operations, same company.

District 40

BBL Enterprises, Inc.	Somerset	-	-	35,622	-	-	-	35,622	-	167	10	-	1
Strip Permit No. 1143-5	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Beener Coal Co., C. Edward	Somerset	-	-	1,863	-	-	-	1,863	-	121	1	-	-
Strip Permit No. 1211-3	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Better Mining, Inc.	Somerset	-	-	-	-	-	-	-	-	289	1	-	-
Strip Permit No. 1220-5	Somerset	-	-	30,186	-	-	-	30,186	-	289	6	-	2
Strip Permit No. 1220-7	Somerset	-	-	5,388	-	-	-	5,388	-	51	3	-	-
Strip Permit No. 1220-8	Somerset	-	-	35,574	-	-	-	35,574	-	10	-	-	2
District Total													

District 40

		County	Production of Coal & Coke - Net Tons									
			Shipped to Market		Coal Used		Coal		Total Production of Coal		Average Days of Worked	
			By Rail	By Water	By Truck	Domestic Purposes	Locally for Manufacture of Coke	Used in	of Coal	tion	age	No. Fatal fatal
												accidents
Operators and Mines												
Boomdown Coal Co., Inc.												
Strip Permit No. 1282-4		Somerset	-	-	1,706	-	-	-	1,706	-	41	18
Strip Permit No. 1282-5		Somerset	-	-	4,313	-	-	-	4,313	-	49	7
Total			-	-	6,019	-	-	-	6,019	-	25	-
Brawl Mining, Inc.												
Strip Permit No. 1372-1 (b)		Somerset	-	-	-	-	-	-	-	-	279)	*
Strip Permit No. 1372-2		Somerset	-	-	8,682	-	-	-	8,682	-)	7
Strip Permit No. 1372-3		Somerset	-	-	24,661	-	-	-	24,661	-)	10
Auger-BAM-873		Somerset	-	-	8,308	-	-	-	8,308	-)	2)
Auger-BAM-882		Somerset	-	-	3,766	-	-	-	3,766	-)	-
Total			-	-	45,417	-	-	-	45,417	-	19	-
Coal Junction Coal Co.												
Strip Permit No. 45-12		Somerset	-	-	-	-	-	-	-	-	70	1
Strip Permit No. 45-13		Somerset	10,000	-	12,040	-	-	-	22,040	-	186	3
Strip Permit No. 45-14		Somerset	8,041	-	-	-	-	-	8,041	-	186	2
Strip Permit No. 45-15		Somerset	-	-	-	-	-	-	-	-	40	1
Strip Permit No. 45-16		Somerset	-	-	-	-	-	-	851	-	166	1
Strip Permit No. 45-17		Somerset	14,983	-	-	60	-	-	15,043	-	146	5
Strip Permit No. 670-3(a)		Somerset	6,300	-	4,046	-	-	-	10,346	-	40	#
Strip Permit No. 670-4(a)		Somerset	435	-	-	-	-	-	435	-	40	#
Total			40,610	-	16,086	-	-	-	56,756	-	13	-
Croner, Inc.												
Strip Permit No. 148-16		Somerset	807	-	16,717	-	-	-	17,524	-	178	4
Strip Permit No. 148-21		Somerset	613	-	3,233	-	-	-	3,846	-	97	4
Total			1,420	-	19,950	-	-	-	21,370	-	8	-
Doraville Enterprises												
Strip Permit No. 670-3 & 4		Somerset	-	-	39,366	-	-	-	39,366	-	186	9
Drummond Coal Co., Inc.												
Strip Permit No. 1635-1		Somerset	-	-	7,200	-	-	-	7,200	-	194	3
Strip Permit No. 1635-2		Somerset	-	-	8,554	-	-	-	8,554	-	188	5
Total			-	-	15,754	-	-	-	15,754	-	8	-
Fetterolf Coal Co., Inc., M.F.												
Strip Permit No. 216-32(b)		Somerset	-	-	738	-	-	-	738	-	196	5
Strip Permit No. 216-39		Somerset	-	-	40,636	-	-	-	40,636	-	206	20
Strip Permit No. 216-48(b)		Somerset	-	-	9,587	-	-	-	9,587	-	193	5
Total			-	-	50,961	-	-	-	50,961	-	30	2

District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	For Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Fatal Accidents
Godin & Goden Coal, Inc. Strip Permit No. 976-4 Strip Permit No. 976-6 Strip Permit No. 976-7	Somerset Somerset Somerset	-	-	-	-	-	-	-	176	2	-
		-	-	86,325	-	-	86,325	-	182	11	-
		-	-	5,288	-	-	5,288	-	97	*	-
Total		-	-	91,613	-	-	91,613	-	13	-	-
Glessner Mines Strip Permit No. 1612-3 Gray Mining Co., Inc. Strip Permit No. 1475-1 (LA-42) & 2 Mayse Coal Co., M.E. Strip Permit No. 1764-1 McClintock, J. Lloyd Strip Permit No. 1117-3 MetCo Mining & Minerals, Inc. Strip Permit No. 1312-2 Strip Permit No. 1312-5	Somerset Somerset Somerset Somerset Somerset Somerset Somerset Somerset	-	-	4,032	-	-	4,032	-	38	5	-
		-	-	43,765	-	-	43,765	-	219	13	-
		-	-	17,500	-	-	17,500	-	184	4	-
		-	-	28,267	-	-	28,267	-	217	5	-
		-	-	38,000	-	-	38,000	-	129	9	-
		-	-	8,000	-	-	8,000	-	-	-	-
Total		-	-	46,000	-	-	46,000	-	9	-	-
North Cambria Fuel Co. Strip Permit No. 10-42 PBS Coals, Inc. Strip Permit No. 222-19 Strip Permit No. 222-20 Strip Permit No. 222-22A Auger-BAN-923	Somerset Somerset Somerset Somerset Somerset Somerset	5,759	-	9,539	-	-	15,298	-	78	5	-
		50,875	-	-	-	-	50,875	-	258	48	-
		5,408	-	-	-	-	5,408	-	217	6	-
		56,274	-	-	-	-	56,274	-	258	40	-
		599	-	-	-	-	599	-	3	3	-
Total		113,156	-	-	-	-	113,156	-	97	-	-
Penn Somerset Corp. Strip Permit No. 906-6 Ram Construction Co. Strip Permit No. 1212-2 Star Coal Co. Strip Permit No. 554-3 Star Minerals Co. Strip Permit No. 884-1	Somerset Somerset Somerset Somerset Somerset Somerset	-	-	509	-	-	509	-	53	13	-
		-	-	18,633	-	-	18,633	-	109	4	-
		-	-	-	-	-	-	-	3	1	-
		-	-	5,051	-	-	5,051	-	135	9	-
Total		-	-	-	-	-	-	-	-	-	1

District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal accidents
Summit Mines, Inc. Strip Permit No. 1860-1	Somerset	-	-	41,380	-	-	41,380	-	167	22	-
Svonavec, Inc. Strip Permit No. 553-9(A2&3)	Somerset	-	-	-	-	-	-	-	5	*	-
Strip Permit No. 553-10	Somerset	37,964	-	-	-	-	37,964	-	170	11	-
Strip Permit No. 553-12	Somerset	-	-	-	-	-	-	-	70	*	-
Strip Permit No. 553-14	Somerset	51,461	-	-	-	-	51,461	-	178	14	2
Strip Permit No. 553-15	Somerset	13,676	-	-	-	-	13,676	-	78	9	-
Strip Permit No. 553-16	Somerset	17,827	-	-	-	-	17,827	-	80	10	-
Strip Permit No. 553-17	Somerset	55,554	-	-	-	-	55,554	-	172	12	-
Total		176,482	-	-	-	-	176,482	-	56	-	2
Yellow Run Coal Co. Strip Permit No. 1646-1	Somerset	-	-	-	-	-	-	-	149	2	-
District Total		337,427	-	572,901	60	-	910,388	-	182	391	8

NOTE: (a) Operated by Doraville Enterprises for the first ten months.

(b) Backfilling.

* Men included with those at other operations, same company.

Same employees as those at Doraville Enterprises.

District 40A

American Mining Strip Permit No. 1464-1	Somerset	-	-	19,198	-	-	19,198	-	211	3	-
Bittner Coal Co. Strip Permit No. 1249-1 & 2	Somerset	-	-	10,341	51	-	10,392	-	155	2	-
Bituminous Coals, Inc. Strip Permit No. 1817-1	Somerset	-	-	19,382	-	-	19,382	-	240	7	-
Black Diamond Coal Co. Strip Permit No. 825-1A	Somerset	-	-	4,000	500	-	4,500	-	50	4	-
Blue Lick Coal Co., Inc. Strip Permit No. 1657-2	Somerset	-	-	44,774	-	-	44,774	-	303	16)	-

District 40A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Coal	Production of Coal	Production of Coke	Average days of Worked	Non-Fatal fatal acci- dents
Blue Lick Coal Co., Inc. (continued)											
Strip Permit No. 1657-4	Somerset	-	-	10,234	-	-	-	10,234	-	85	-
Total		-	-	55,008	-	-	-	55,008	-	16	-
Brant Mining Co., C.											
Strip Permit No. 610-2	Somerset	-	-	1,800	-	-	-	1,800	-	160	2
Burnham Coal Co.											
Strip Permit No. 1279-3(C)A	Somerset	13,427	-	-	-	-	-	13,427	-	115	10
C & O Coal Co.											
Strip Permit No. 1084-2	Somerset	-	-	-	1,122	-	-	1,122	-	39	4
Strip Permit No. 1084-3	Somerset	-	-	-	8,835	-	-	8,835	-	154	-
Total		-	-	-	9,957	-	-	9,957	-	4	-
Cardinal Mining Co.											
Strip Permit No. 618-3 & 3A	Somerset	10,158	-	-	-	-	-	10,158	-	195	11
Croner, Inc.											
Strip Permit No. 148-2	Somerset	5,161	-	-	-	-	-	5,161	-	74	2
Strip Permit No. 148-18	Somerset	10,685	-	-	-	-	-	10,685	-	161	3
Strip Permit No. 148-24	Somerset	29,247	-	7,896	-	-	-	37,143	-	203	6
Strip Permit No. 148-25	Somerset	15,286	-	11,011	-	-	-	26,297	-	180	6
Strip Permit No. 148-26	Somerset	6,011	-	-	-	-	-	6,011	-	46	5
Total		66,390	-	18,907	-	-	-	85,297	-	22	-
Delta Mining, Inc.											
Strip Permit No. 1200-3	Somerset	-	-	24,879	-	-	-	24,879	-	150	13
Strip Permit No. 1200-4	Somerset	-	-	628	-	-	-	628	-	20	-
Total		-	-	25,507	-	-	-	25,507	-	13	-
East Ridge Mining, Inc.											
Strip Permit No. 720-4	Somerset	-	-	12,020	-	-	-	12,020	-	189	4
Auger-BAN-840	Somerset	-	-	760	-	-	-	760	-	8	2
Total		-	-	12,780	-	-	-	12,780	-	6	-
Fetterolf Coal Co., Inc., M.F.											
Strip Permit No. 216-29	Somerset	-	-	38,800	-	-	-	38,800	-	215	17
Strip Permit No. 216-31	Somerset	-	-	8,276	-	-	-	8,276	-	179	2
Strip Permit No. 216-33(a)	Somerset	-	-	-	-	-	-	-	-	201	2
Strip Permit No. 216-46(b)	Somerset	-	-	-	-	-	-	-	-	56	1
Total		-	-	47,076	-	-	-	47,076	-	22	-
Fintel Coal Co., Inc.											
Strip Permit No. 1754-1	Somerset	-	-	5,710	-	-	-	5,710	-	195	6

District 40A

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-Fatal acci- dents
		Shipped to Market		Locally Used in Manufacture of Coal		Total Production of Coal		Total Production of Coke		Average age of Worked employees		
		By Rail	By Water	By Truck	Domestic Purposes	Locally Manufacture of Coal	Total Production of Coal	Total Production of Coke	Days of Worked employees	No. of Fatal acci- dents		
Fogle, Roland D. Special Project No. 535	Somerset	-	-	60,664	-	-	60,664	-	158	3	-	
Glessner Mines Strip Permit No. 1612-1	Somerset	-	-	-	-	-	-	-	10	3	-	
Hay, Robert F. Strip Permit No. 1726-1	Somerset	-	-	31,652	-	-	31,652	-	225	6	-	
King Coal Co. Strip Permit No. 1566-3(c)	Somerset	-	-	12,099	-	-	12,099	-	152	9	-	
Moran Trucking & Coal Co., Tom Strip Permit No. 1784-1(A)	Somerset	-	-	7,601	-	-	7,601	-	233	15	-	
Strip Permit No. 1784-1(A2)	Somerset	-	-	18,604	-	-	18,604	-	-	-	-	
Strip Permit No. 1784-2	Somerset	-	-	31,903	-	-	31,903	-	-	-	-	
Total		-	-	58,108	-	-	58,108	-	-	15	-	
Onyx Mining, Inc. Strip Permit No. 1662-1(c)	Somerset	-	-	13,932	-	-	13,932	-	115	12	-	
Strip Permit No. 1662-2(c)	Somerset	-	-	7,578	-	-	7,578	-	95	8	-	
Total		-	-	21,510	-	-	21,510	-	-	20	-	
PBS Coals, Inc. Strip Permit No. 222-27	Somerset	-	-	-	-	-	-	-	127	9	1	
Pembroke Coal Co. Strip Permit No. 1813-1	Somerset	2,456	-	31,040	65	-	33,561	-	227	18	-	
Penn Pocahontas Coal Co. Strip Permit No. 651-1	Somerset	57,234	-	3,546	200	-	60,980	-	99	5	-	
Strip Permit No. 651-3	Somerset	-	-	-	-	-	-	-	88	1	-	
Strip Permit No. 651-5	Somerset	12,846	-	-	-	-	12,846	-	99	2	-	
Strip Permit No. 651-6	Somerset	11,343	-	-	-	-	11,343	-	76	14	-	
Strip Permit No. 651-8 & 14	Somerset	2,832	-	-	-	-	2,832	-	56	4	-	
Strip Permit No. 651-10	Somerset	47,521	-	-	-	-	47,521	-	175	15	1	
Strip Permit No. 651-11	Somerset	71,115	-	3,590	-	-	74,705	-	175	16	-	
Strip Permit No. 651-13	Somerset	-	-	2,011	-	-	2,011	-	78	8	-	
Total		202,891	-	9,147	200	-	212,238	-	-	65	1	
River Hill Coal Co., Inc. Strip Permit No. 20-54	Somerset	6,287	-	26,353	-	-	32,640	-	220	9	-	
Strip Permit No. 20-55	Somerset	13,708	-	2,721	-	-	16,429	-	128	3	-	
Strip Permit No. 20-58	Somerset	-	-	-	-	-	-	-	45	2	-	

District 40A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Total Production of Coal				
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Non-Fatal Accidents
River Hill Coal Co., Inc. (continued)	Somerset	9,895	-	25,378	-	-	35,273	-	217	6	-
Strip Permit No. 20-59	Somerset	25,192	-	19,150	-	-	44,342	-	220	9	2
Strip Permit No. 20-61	Somerset	23,916	-	19,223	-	-	43,139	-	220	6	-
Strip Permit No. 20-63	Somerset	1,422	-	5,550	-	-	6,972	-	105	2	-
Strip Permit No. 20-65	Somerset	15,321	-	10,401	-	-	25,722	-	220	7	-
Strip Permit No. 20-67	Somerset	14,511	-	26,886	-	-	41,397	-	217	9	-
Strip Permit No. 20-69	Somerset	110,252	-	135,662	-	-	245,914	-	53	2	-
Total											
S & S Coal Co.	Somerset	-	-	51,874	-	-	51,874	-	182	6	-
Strip Permit No. 534-7	Somerset	-	-	16,274	-	-	16,274	-	224	3	-
Sanner Brothers Coal Co.	Somerset	-	-	6,055	-	-	6,055	-	155	2	-
Strip Permit No. 308-20	Somerset	-	-	31,992	-	-	31,992	-	213	16	-
Scurfield Coal, Inc.	Somerset	-	-	38,047	-	-	38,047	-	18	-	-
Strip Permit No. 256-11	Somerset	-	-	21,930	-	-	21,930	-	247	9	-
Strip Permit No. 256-12	Somerset	-	-	-	-	-	-	-	59	2	-
Shafter, Walter F.	Somerset	-	-	63,328	-	-	63,328	-	204	9	-
Strip Permit No. 776-2	Somerset	-	-	62,757	-	-	62,757	-	207	-	-
Slifco Brothers Coal Co.	Somerset	-	-	126,085	-	-	126,085	-	9	-	-
Strip Permit No. 257-1(a)	Somerset	-	-	126	-	-	126	-	94	2	-
Soberdash Coal & Coke Co.	Somerset	-	-	19,803	-	-	19,803	-	202	5	-
Strip Permit No. 111-46	Somerset	-	-	4,036	-	-	4,036	-	113	1	-
Strip Permit No. 111-54	Somerset	-	-	850	-	-	850	-	88	-	-
Total											
Star Coal Co.	Somerset	-	-	24,689	-	-	24,689	-	6	-	-
Strip Permit No. 554-2	Somerset	-	-	60,922	-	-	60,922	-	161	14	-
Summit Coal & Contracting, Inc.	Somerset	-	-	9,325	-	-	9,325	-	154	3	-
Strip Permit No. 1724-1	Somerset	-	-	6,632	-	-	6,632	-	51	*	-
Special Project No. 461	Somerset	-	-	97,285	-	-	97,285	-	17	-	-
Special Project No. 486	Somerset	-	-	-	-	-	-	-	-	-	-
Total											
Sun Coal Co.	Somerset	-	-	60,922	-	-	60,922	-	161	14	-
Strip Permit No. 1441-2(c)	Somerset	-	-	9,325	-	-	9,325	-	154	3	-
Strip Permit No. 1441-3(c)	Somerset	-	-	6,632	-	-	6,632	-	51	*	-
Strip Permit No. 1441-5(c)	Somerset	-	-	20,406	-	-	20,406	-	77	*	-
Strip Permit No. 1441-6(c)	Somerset	-	-	97,285	-	-	97,285	-	17	-	-
Total											

District 40A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Locally Used in Manufacture of Coal				
		By Rail	By Water	By Truck	By Domestic Purposes	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents	Non-fatal Accidents
Three S Coal Co.	Somerset	-	-	5,531	-	5,531	-	210	1	-	-
Strip Permit No. 824-4	Somerset	-	-	12,635	-	12,635	-	207	3	-	-
Strip Permit No. 824-6		-	-	18,166	-	18,166	-		4	-	-
Total											
Walker, Robert H.	Somerset	-	-	4,161	-	4,161	-	219	1	-	-
Strip Permit No. 1474-1											
Will's Construction Co.	Somerset	-	-	-	19,627	19,627	-	162	16	-	-
Strip Permit No. 1841-1											
District Total											
		405,574	-	978,228	30,400	-	1,414,202	-	171	422	5

NOTE: (a) Backfilling.
 (b) Awaiting final release.
 (c) Information taken from monthly reports as no Annual Report was submitted.
 * Men included with those at other operations, same company.

District 41

Alumbaugh Coal Corp.		-	-	44,117	-	44,117	-	275	16	-	-
Strip Permit No. 84-7	Somerset	-	-	-	-	-	-	84	2	-	-
Strip Permit No. 84-8	Somerset	-	-	31,542	-	31,542	-	240	15	-	-
Strip Permit No. 84-10	Somerset	-	-	76,659	-	76,659	-		33	-	-
Total											
Badger Coal Co., Inc.	Somerset	-	-	9,255	-	9,255	-	140	3	-	-
Strip Permit No. 325-3A2&3C	Somerset	-	-	16,300	-	16,300	-	195	3	-	-
Strip Permit No. 325-6 & 6A	Somerset	-	-	25,555	-	25,555	-		6	-	-
Total											
Bigan Coal Co., M.H.	Somerset	-	-	49,085	-	49,085	-	159	5	-	-
Strip Permit No. 657-5											
Bigan Estate, John E.	Somerset	-	-	7,209	-	7,209	-	178	2	-	-
Strip Permit No. 291-5											

District 41

Production of Coal & Coke - Net Tons													
Shipped to Market				Coal Used			Total Production of Coal			Average Days Worked per Employee			Non-fatal Accidents
By Rail	By Water	By Truck	Domestic Purposes	Locally for Manufacture of Coke	Total Production of Coal	Total Production of Coke	Age	No. of Employees	Fatal Accidents				
Operators and Mines													
Blue Lick Coal Co., Inc.	-	-	-	-	-	-	-	60	1	-	-	-	
	Strip Permit No. 1657-6												
	-	-	3,393	-	-	3,393	-	40	25	-	-	-	
	Boomdown Coal Co., Inc.												
Somerset	-	-	49,939	-	-	49,939	-	163		-	1	-	
	Strip Permit No. 1282-3												
Total	-	-	53,332	-	-	53,332	-	25	-	1	-	-	
Brant Coal Co., Inc.													
Somerset	-	-	11,150	-	-	11,150	-	180	7	-	-	-	
Somerset	-	-	-	-	-	-	-	56	1	-	-	-	
Total	-	-	11,150	-	-	11,150	-	8	-	-	-	-	
C & P Coal Co.													
Somerset	-	-	34,781	-	-	34,781	-	205	8	-	-	-	
Cardinal Mining Co.													
Somerset	9,296	-	-	-	-	9,296	-	31	@	-	-	-	
Diamond T Coal Co., Inc.													
Somerset	37,089	-	-	-	-	37,089	-	162	21	-	1	-	
Somerset	148,426	-	-	-	-	148,426	-	214	25	-	1	-	
Total	185,515	-	-	-	-	185,515	-	46	-	2	-	-	
Doraville Enterprises													
Somerset	-	-	2,796	-	-	2,796	-	154	5	-	-	-	
East Ridge Mining, Inc.													
Somerset	-	-	9,522	-	-	9,522	-	123		-	-	-	
Somerset	-	-	6,462	-	-	6,462	-	61	4	-	-	-	
Somerset	-	-	16,986	-	-	16,986	-	145	4	-	-	-	
Total	-	-	32,970	-	-	32,970	-	8	-	-	-	-	
Fetterolf Coal Co., Inc., M.F.													
Somerset	-	-	-	-	-	-	-	41	1	-	-	-	
Somerset	-	-	-	-	-	-	-	20		-	-	-	
Somerset	-	-	-	-	-	-	-	20		-	-	-	
Somerset	-	-	34,172	-	-	34,172	-	205	16	-	-	-	
Somerset	-	-	33,568	-	-	33,568	-	205	16	-	-	-	
Total	-	-	67,740	-	-	67,740	-	33	-	-	-	-	
Glessner Mines													
Somerset	-	-	39,889	-	-	39,889	-	242	15	-	-	-	

District 41

Operators and Mines	County	Production of Coal & Coke - Net Tons											
		Shipped to Market		Locally Used		Coal Used		Total Production		Total Production of Coke		Average Days Worked	Non-Fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	Manu- facture of Coke	Used in	tion of Coal	tion of Coke	age	No. of Em- ployes	Fatal acci- dents	Non- fatal acci- dents
H & H Coal Co.	Somerset	-	-	-	-	-	-	-	-	-	31	*	-
	Strip Permit No. 1348-2	-	-	-	-	-	-	-	-	-	81	*	-
	Strip Permit No. 1348-3	-	-	6,773	-	-	-	6,773	-	-	183	*	-
	Strip Permit No. 1348-4	-	-	39,013	-	-	-	39,013	-	-	172	14	-
	Strip Permit No. 1348-5	-	-	3,929	-	-	-	3,929	-	-	65	9	-
	Strip Permit No. 1348-6	-	-	49,715	-	-	-	49,715	-	-	23	-	1
Total													3
Heshbon Coal Co., Inc.	Somerset	5,556	-	-	-	-	-	5,556	-	-	166	3	-
Strip Permit No. 200-3													
J & P Mining Co., Inc.	Somerset	-	-	68,045	-	-	-	68,045	-	-	226	17	-
Strip Permit Nos. 1191-1, 3, 4, 5 & 6													
K & G Coal Co.	Somerset	-	-	26,300	-	-	-	26,300	-	-	180	5	-
Strip Permit No. 1198-1	Somerset	-	-	21,481	-	-	-	21,481	-	-	200	21	-
Strip Permit No. 1198-2	Somerset	-	-	4,598	-	-	-	4,598	-	-	55	*	-
Strip Permit No. 1198-3	Somerset	-	-	16,449	-	-	-	16,449	-	-	122	*	-
Strip Permit No. 1198-4	Somerset	-	-	10,479	-	-	-	10,479	-	-	122	*	-
Strip Permit No. 1198-6	Somerset	-	-	12,081	-	-	-	12,081	-	-	35	*	-
Strip Permit No. 1198-7	Somerset	-	-	91,388	-	-	-	91,388	-	-	26	-	-
Total													
Lasky Construction Co., Inc.	Somerset	-	-	-	-	-	-	-	-	-	50	*	-
Strip Permit No. 217-8	Somerset	-	-	-	-	-	-	-	-	-	106	*	-
Strip Permit No. 217-9C	Somerset	-	-	160,263	-	-	-	160,263	-	-	287	24	-
Strip Permit No. 217-10	Somerset	-	-	160,263	-	-	-	160,263	-	-	24	-	-
Total													
Loehrie Coal Co.	Somerset	-	-	20,763	-	-	-	20,763	-	-	179	4	-
Strip Permit No. 1554-1													
MetGo Mining & Minerals, Inc.	Somerset	-	-	38,000	-	-	-	38,000	-	-	129	9	-
Strip Permit No. 1312-4													
PBS Coals, Inc.	Somerset	68,948	-	-	-	-	-	68,948	-	-	258	19	-
Strip Permit No. 222-6	Somerset	-	-	-	-	-	-	-	-	-	38	*	-
Strip Permit No. 222-7	Somerset	-	-	-	-	-	-	-	-	-	258	19	-
Strip Permit No. 222-21	Somerset	43,673	-	-	-	-	-	43,673	-	-	179	4	-
Strip Permit No. 222-25	Somerset	16,084	-	-	-	-	-	16,084	-	-	38	5	-
Strip Permit No. 222-28	Somerset	886	-	-	-	-	-	886	-	-	47	-	-
Total		129,591	-	-	-	-	-	129,591	-	-			

District 41

	Operators and Mines	County	Production of Coal & Coke - Net Tons									
			Shipped to Market		Coal Used		Used in		Total		Aver- age No. of Em- ployees	Fatal accidents
			By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Produce- tion of Coal	Produce- tion of Coke	Worked days		
	Penn Somerset Corp.	Somerset	-	-	-	-	-	-	-	43	9	-
	Strip Permit No. 906-9											
	Schmidt Coal Co., William	Somerset	-	-	9,375	-	-	9,375	-	134	1	-
	Strip Permit No. 1531-1											
	Scurfield Coal, Inc.	Somerset	-	-	22,310	-	-	22,310	-	187	18)	-
	Strip Permit No. 256-8											
	Strip Permit No. 256-10	Somerset	-	-	24,233	-	-	24,233	-	187)	-
	Total		-	-	46,543	-	-	46,543	-		18	-
	Shade Mining Co.	Somerset	-	-	-	-	-	-	-	10	*	-
	Strip Permit No. 1179-3A(b)											
	Strip Permit No. 1179-5	Somerset	-	-	17,600	-	-	17,600	-	259	11	-
	Strip Permit No. 1179-6	Somerset	-	-	51,000	-	-	51,000	-	259	15	-
	Strip Permit No. 1179-7	Somerset	-	-	25,860	-	-	25,860	-	162	7	-
	Strip Permit No. 1179-8	Somerset	-	-	13,066	-	-	13,066	-	162	8	-
	Total		-	-	107,526	-	-	107,526	-		41	-
	Shaffer, Myron	Somerset	-	-	11,220	-	-	11,220	-	185	6)	-
	Strip Permit No. 359-5											
	Strip Permit No. 359-6A	Somerset	-	-	16,894	-	-	16,894	-	173)	-
	Auger-BAM-852	Somerset	-	-	1,581	-	-	1,581	-	#	#	-
	Total		-	-	29,695	-	-	29,695	-		6	-
	Summit Mining, Inc.	Somerset	-	-	20,680	-	-	20,680	-	39	14	-
	Strip Permit No. 1860-2											
	Strip Permit No. 1860-3	Somerset	-	-	61,853	-	-	61,853	-	149	15	-
	Total		-	-	82,533	-	-	82,533	-		29	-
	Three S Coal Co.	Somerset	-	-	35,743	-	-	35,743	-	210	*	-
	Strip Permit No. 824-1											
	Strip Permit No. 824-2	Somerset	-	-	15,107	-	-	15,107	-	210	3	-
	Strip Permit No. 824-5	Somerset	-	-	17,002	-	-	17,002	-	210	3	-
	Strip Permit No. 824-8	Somerset	-	-	26,330	-	-	26,330	-	210	7	-
	Total		-	-	94,182	-	-	94,182	-		13	-
	W Coal Co.	Somerset	-	-	-	-	-	-	-	129	9)	-
	Strip Permit No. 594-3											
	Strip Permit No. 594-5	Somerset	-	-	2,582	-	-	2,582	-	26)	-
	Strip Permit No. 594-6	Somerset	-	-	7,277	237	-	7,514	-	223)	-
	Strip Permit No. 594-7	Somerset	-	-	28,071	-	-	28,071	-	222)	-
	Strip Permit No. 594-8	Somerset	-	-	-	-	-	-	-	13)	-
	Total		-	-	37,930	237	-	38,167	-		9	-

District 41

						Production of Coal & Coke - Net Tons									
						Shipped to Market	By Rail	By Water	By Truck	Purposes of Coal	Manu- facture of Coke	Total Pro- duction of Coal	Total Pro- duction of Coke	Aver- age Days Worked	Non- Fatal fatal acci- dents
Operators and Mines	County														
Winder High Standard Coal Co.	Somerset														
Strip Permit No. 246-4 & 4A		-	-	-	-	-	-	-	-	-	-	-	-	127	1
Strip Permit No. 246-7 & 7A	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	223	5
Strip Permit No. 246-8	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	76	5
Strip Permit No. 246-9	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	147	5
Strip Permit No. 246-11	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	60	3
Total		-	-	-	-	-	-	-	-	-	-	-	-	19	-
Yantus, Steve	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	186	4
Zubek, Edward	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	189	6
Strip Permit No. 1706-1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		329,958	-	1,372,278	237	-	-	1,702,473	-	200	503	-	7		

NOTE: (a) Awaiting final release.
 (b) Backfilling.
 @ Men included with those at Summit Mining, Inc.
 * Men included with those at other operations, same company.
 # Augering done by an independent company.

District 42

Ace Drilling Coal Co., Inc.	Cambria														
Strip Permit No. 218-12		-	-	-	-	-	-	-	-	-	-	-	-	200	3
Strip Permit No. 218-14	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	200	3
Strip Permit No. 218-17	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	200	19
Strip Permit No. 218-18	Cambria	11,829	-	23,600	-	-	-	-	-	-	-	-	-	200	6
Strip Permit No. 218-19	Cambria	1,889	-	4,662	-	-	-	-	-	-	-	-	-	200	5
Strip Permit No. 218-20	Cambria	2,379	-	6,437	-	-	-	-	-	-	-	-	-	138	3
Strip Permit No. 218-22	Cambria	10,063	-	40,548	-	-	-	-	-	-	-	-	-	200	7
Strip Permit No. 218-24	Cambria	24,961	-	34,055	-	-	-	-	-	-	-	-	-	200	9
Total		51,121	-	109,302	-	-	-	-	-	-	-	-	-	55	-

District 42

Production of Coal & Coke - Net Tons									
Operators and Mines	County	Shipped to Market		Coal Used		Total Production of Coal	Total Production of Coke	Average Days Worked	Non-Fatal accidents
		By Rail	By Water	By Truck	Locally for Manufacture of Coke				
Cooney Brothers Coal Co. (continued)									
Strip Permit No. 238-15	Cambria	92,840	-	-	-	92,840	-	215	9
Strip Permit No. 238-16	Cambria	29,400	-	-	-	29,400	-	215	8
Strip Permit No. 238-17	Cambria	67,270	-	-	-	67,270	-	215	8
Strip Permit No. 238-18	Cambria	48,090	-	-	-	48,090	-	215	9
Strip Permit No. 238-19	Cambria	93,560	-	-	-	93,560	-	215	11
Strip Permit No. 238-20	Cambria	94,340	-	-	-	94,340	-	215	9
Strip Permit No. 238-22	Cambria	73,300	-	-	-	73,300	-	138	6
Total		683,220	-	72,600	-	755,820	-	112	-
Fran Contracting, Inc.									
Strip Permit No. 38-13A (b)	Cambria	-	-	806	-	806	-	24	3
Strip Permit No. 1073-11	Cambria	-	-	16,498	-	16,498	-	41	3
Strip Permit No. 1073-11	Cambria	-	-	19,281	-	19,281	-	97	3
Strip Permit No. 1073-11A	Cambria	-	-	26,861	-	26,861	-	85	2
Total		-	-	63,446	-	63,446	-	11	-
GWK Co.									
Strip Permit No. 946-2 Refuse	Cambria	-	-	47,135	-	47,135	-	186	11
Halstock, Inc.									
Strip Permit No. 1641-1	Cambria	-	-	21,110	-	21,110	-	100	7
Interstate Fuels Co., Inc.									
Strip Permit No. 1575-1 & 2	Cambria	-	-	27,026	-	27,026	-	175	6
Kolak, John									
Strip Permit No. 1433-1	Cambria	-	-	-	1,761	1,761	-	138	3
Strip Permit No. 1433-2	Cambria	-	-	-	3,693	3,693	-	86	-
Total		-	-	-	5,454	5,454	-	3	-
Lawrence Resources									
Strip Permit No. 1619-1	Cambria	-	-	34,670	-	34,670	-	247	9
Lechene Coal Co., Inc.									
Strip Permit No. 892-1(c)	Cambria	-	-	-	-	-	-	74	18
Strip Permit No. 892-2(c)	Cambria	-	-	-	-	-	-	74	-
Strip Permit No. 892-3(c)	Cambria	-	-	38,526	-	38,526	-	194	-
Strip Permit No. 892-4	Cambria	-	-	7,205	-	7,205	-	96	-
Total		-	-	45,731	-	45,731	-	18	-
Lovell, Allen E.									
Strip Permit No. 1292-1	Cambria	-	-	2,292	-	2,292	-	178	1

District 42

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	of Coal	tion of Coke	age Days	No. of Em- ployes	Fatal acci- dents
M & K Coal Co.	Cambria	-	-	7,260	406	-	7,666	-	145	23	1
Strip Permit No. 747-1 Refuse											
M & M Mining, Inc.	Cambria	-	-	60,155	-	-	60,155	-	215	9	-
Strip Permit No. 1207-8											
Strip Permit No. 1207-9	Cambria	-	-	2,502	-	-	2,502	-	83	*	-
Strip Permit No. 1207-10	Cambria	-	-	9,714	-	-	9,714	-	143	8	-
Total		-	-	72,371	-	-	72,371	-	17	-	-
Mazzarella Coal Co.	Cambria	-	-	3,743	-	-	3,743	-	130	3	-
Strip Permit No. 1773-1											
North Cambria Fuel Co.	Cambria	7,366	-	-	-	-	7,366	-	35	5	-
Strip Permit No. 10-37											
Peles Coal Co., Inc.	Cambria	-	-	49,453	-	-	49,453	-	176	9	-
Strip Permit No. 612-5											
Pennsylvania Energy Corp.	Cambria	-	-	78,219	-	-	78,219	-	220	15	-
Strip Permit No. 921-2(d)											
Ridge Mining Co.	Cambria	-	-	73,625	-	-	73,625	-	195	8	-
Strip Permit No. 654-1											
Swistock & George	Cambria	-	-	8,953	-	-	8,953	-	89	5	-
Strip Permit No. 1638-3											
Universal Minerals, Inc.	Cambria	-	-	-	-	-	-	-	205	4	-
Strip Permit No. 1116-1 Refuse											
Strip Permit No. 1116-3 Refuse	Cambria	-	-	85,877	-	-	85,877	-	231	36	5
Strip Permit No. 1116-4 Refuse	Cambria	-	-	75,121	-	-	75,121	-	191	10	-
Total		-	-	160,998	-	-	160,998	-	50	-	5
Wesott, Inc.	Cambria	-	-	25,164	-	-	25,164	-	133	5	-
Strip Permit No. 1465-3											
Strip Permit No. 1465-4	Cambria	-	-	9,262	-	-	9,262	-	133	3	-
Total		-	-	34,426	-	-	34,426	-	8	-	-
Yellow Run Energy Co.	Cambria	-	-	900	-	-	900	-	110	2	-
Strip Permit No. 1201-3											
District Total		1,353,190	-	1,007,613	5,860	-	2,366,663	-	215	540	8

NOTE: (a) Formerly operated by Weakland Brothers Coal Co.
 (b) Formerly operated by Homer City Coal Co.
 (c) Completed.
 (d) Information taken from monthly reports as no Annual Report was submitted.
 ** Men included with those at other operations, same company.

District 43

Operators and Mines	County	Production of Coal & Coke - Net Tons										Total Production of Coal of Coke	Total Production of Coke	Average Days of Worked	No. of Employes	Fatal accidents	Non-fatal accidents
		Shipped to Market	By Rail	By Water	By Truck	For Domestic Purposes	Locally Used	Coal Used	Used in Manufacture of Coke	Production of Coal	Production of Coke						
Anderson Creek Coal & Clay Co.																	
Strip Permit No. 547-4	Clearfield	-	-	-	72,129	-	-	-	-	72,129	-	183	18	-	-	-	-
Arcadia Co., Inc., The																	
Strip Permit No. 164-23 & 24	Clearfield	54,568	-	-	-	-	-	-	-	54,568	-	205	10	-	1	-	-
Avery Coal Co., Inc.																	
Strip Permit No. 584-16	Clearfield	44,726	-	-	-	-	-	-	-	44,726	-	264	13	-	-	-	-
Benjamin Coal Co.																	
Strip Permit No. 64-111	Clearfield	352,825	-	-	-	-	-	-	-	352,825	-	220	34	-	3	-	-
Strip Permit No. 64-118	Clearfield	1,970	-	-	-	-	-	-	-	1,970	-	110	*	-	-	-	-
Strip Permit No. 64-120	Clearfield	6,375	-	-	-	-	-	-	-	6,375	-	135	5	-	-	-	-
Strip Permit No. 64-144 & 145	Clearfield	55,502	-	-	-	-	-	-	-	55,502	-	220	11	-	-	-	-
Strip Permit No. 64-147	Clearfield	3,678	-	-	-	-	-	-	-	3,678	-	177	3	-	-	-	-
Strip Permit No. 64-168	Clearfield	21,197	-	-	-	-	-	-	-	21,197	-	135	*	-	-	-	-
Strip Permit No. 64-170	Clearfield	36,148	-	-	-	-	-	-	-	36,148	-	108	5	-	-	-	-
Strip Permit No. 64-174	Clearfield	57,524	-	-	-	-	-	-	-	57,524	-	198	9	-	3	-	-
Strip Permit No. 64-180	Clearfield	27,322	-	-	-	-	-	-	-	27,322	-	108	4	-	-	-	-
Strip Permit No. 64-184	Clearfield	64,736	-	-	-	-	-	-	-	64,736	-	174	10	-	-	-	-
Total		627,277	-	-	-	-	-	-	-	627,277	-	81	-	-	6	-	-
Cambria Coal Co.																	
Strip Permit No. 1206-9	Clearfield	56,544	-	-	16,877	-	-	-	-	73,421	-	357	15	-	-	-	-
Strip Permit No. 1206-15	Clearfield	42,229	-	-	-	-	-	-	-	42,229	-	334	15	-	-	-	-
Strip Permit No. 1206-25	Clearfield	7,856	-	-	-	-	-	-	-	7,856	-	47	*	-	-	-	-
Strip Permit No. 1206-26	Clearfield	52,074	-	-	-	-	-	-	-	52,074	-	194	28	-	-	-	-
Strip Permit No. 1206-27	Clearfield	25,439	-	-	-	-	-	-	-	25,439	-	149	15	-	-	-	-
Strip Permit No. 1206-28	Clearfield	51,939	-	-	-	-	-	-	-	51,939	-	238	15	-	-	-	-
Auger-BAM-881	Clearfield	13,823	-	-	-	-	-	-	-	13,823	-	19	3	-	-	-	-
Total		249,904	-	-	16,877	-	-	-	-	266,781	-	91	-	-	-	-	-
Cambria Mills Coal Co., Inc.																	
Strip Permit No. 548-3 & 3A	Clearfield	-	-	-	916	-	-	-	-	916	-	212	1	-	-	-	-
Strip Permit No. 548-8	Clearfield	-	-	-	68,444	-	-	-	-	68,444	-	243	14	-	1	-	-
Total		-	-	-	69,360	-	-	-	-	69,360	-	15	-	-	1	-	-
Dominion International, Inc.																	
Strip Permit No. 1683-1	Clearfield	-	-	-	44,591	-	-	-	-	44,591	-	288	12	-	-	-	-
Elliot Coal Mining Co., Inc.																	
Strip Permit No. 59-26	Clearfield	-	-	-	14,249	-	-	-	-	14,249	-	225	5	-	-	-	-
Empire Coal Co., Inc.																	
Strip Permit No. 69-42	Clearfield	251,114	-	-	-	-	-	-	-	251,114	-	220	44	-	3	-	-

County	Production of Coal & Coke - Net Tons										Non-fatal accidents
	Shipped to Market			Locally Used		Total Produced		Total Produced		Fatal accidents	
	By Rail	By Water	By Truck	Purposes	Domestic	Manu- facture	of Coal	of Coke	Days of Worked		No. of employees
Operators and Mines											
Flango Brothers Coal, Inc.											
Strip Permit No. 161-10	20,657	-	-	-	-	-	20,657	-	227	7	
Strip Permit No. 161-15	22,940	-	-	-	-	-	22,940	-	227	4	
Strip Permit No. 161-16	3,045	-	-	-	-	-	3,045	-	37	6	
Strip Permit No. 161-18	19,779	-	-	-	-	-	19,779	-	172	-	
Total	66,421	-	-	-	-	-	66,421	-	17	-	
H & T Coal Co.											
Strip Permit No. 1513-1	-	-	45,723	-	-	-	45,723	-	190	14	
Hamlin Coal Co., Inc.											
Strip Permit No. 536-4	-	-	15,199	-	-	-	15,199	-	209	11	
Strip Permit No. 536-8	-	-	29,778	-	-	-	29,778	-	185	13	
Auger-BAM-696	-	-	11,666	-	-	-	11,666	-	69	4	
Total	-	-	56,643	-	-	-	56,643	-	28	-	
Head Coal Co.											
Strip Permit No. 124-10	-	-	42,434	-	-	-	42,434	-	137	9	
Hepburnia Coal Co.											
Strip Permit No. 14-43 & 43A	21,046	-	-	-	-	-	21,046	-	146	4	
Strip Permit No. 14-51	6,351	-	-	-	-	-	6,351	-	92	*	
Strip Permit No. 14-52	65,940	-	-	-	-	-	65,940	-	239	13	
Strip Permit No. 14-54	35,686	-	-	-	-	-	35,686	-	227	5	
Strip Permit No. 14-58	13,990	-	-	-	-	-	13,990	-	125	4	
Strip Permit No. 14-59	46,834	-	-	-	-	-	46,834	-	259	8	
Strip Permit No. 14-65	1,598	-	-	-	-	-	1,598	-	10	*	
Total	191,465	-	-	-	-	-	191,465	-	34	3	

District 43

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		By Truck		Locally for Domestic Purposes		Coal Used in Manufacture of Coke		Total Production of Coal	Total Production of Coke
		By Rail	By Water	By							
										Age of Worked	Non-Fatal fatal
										Days of Em- ployes	accidents
Lansberry Coal & Excavating Co. Strip Permit No. 543-4 & 5 P & N Coal Co., Inc. Strip Permit No. 32-76 Strip Permit No. 32-79 Strip Permit No. 32-87	Clearfield	-	-	9,876	-	-	-	-	9,876	176	6
	Clearfield	37,879	-	-	-	-	-	-	37,879	200	17
	Clearfield	-	-	-	-	-	-	-	-	224	-
	Clearfield	14,306	-	-	-	-	-	-	14,306	106	-
Total		52,185	-	-	-	-	-	-	52,185	17	-
Peles Coal Co., Inc. Strip Permit No. 612-4 Pike Coal Co. Strip Permit No. 430-30 Power Contracting Co., Inc. Strip Permit No. 1078-6 Ruffner Coal Co. Strip Permit No. 1663-1 Shale Hill Coal Co., Inc. Strip Permit No. 598-7, 13, 17, 23 Strip Permit No. 598-9 & 19 Strip Permit No. 598-20 Strip Permit No. 598-21 Strip Permit No. 598-24	Clearfield	-	-	16,651	-	-	-	-	16,651	125	2
	Clearfield	-	-	31,748	-	-	-	-	31,748	214	12
	Clearfield	-	-	24,917	-	-	-	-	24,917	230	3
	Clearfield	-	-	807	-	-	-	-	807	59	1
	Clearfield	33,334	5,556	16,666	-	-	-	-	55,556	299	6
	Clearfield	38,373	6,395	19,187	-	-	-	-	63,955	299	10
	Clearfield	13,192	2,198	6,596	-	-	-	-	21,986	259	3
	Clearfield	8,694	1,449	4,347	-	-	-	-	14,490	160	3
	Clearfield	9,091	1,515	4,545	-	-	-	-	15,151	127	12
Total		102,684	17,113	51,341	-	-	-	-	171,138	34	1
Sinca Mining, Inc. Strip Permit No. 529-7 Strip Permit No. 529-10 Strip Permit No. 529-14	Clearfield	-	-	4,242	-	-	-	-	4,242	59	1
	Clearfield	-	-	4,382	-	-	-	-	4,382	229	2
	Clearfield	-	-	36,861	-	-	-	-	36,861	267	12
Total		-	-	45,485	-	-	-	-	45,485	15	-
Sky Haven Coal, Inc. Strip Permit No. 1812-21 Washington Hill Coal Co., Inc. Strip Permit No. 1658-1	Clearfield	-	-	34,193	-	-	-	-	34,193	182	8
	Clearfield	-	-	18,091	-	-	-	-	18,091	183	2
District Total		2,379,733	17,113	717,779	69,029(b)	-	-	-	3,183,654	258	772

NOTE: (a) Formerly known as Kristianson & Johnson Coal Company.

(b) Stockpiled.

* Men included with those at other operations, same company.

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. Fatal accidents	Non-fatal deaths
Avery Coal Co., Inc.											
Strip Permit No. 584-19(a)	Clearfield	23,536	-	-	-	-	23,536	-	240	10	-
Benjamin Coal Co.											
Strip Permit No. 64-133	Clearfield	62,793	-	-	-	-	62,793	-	218	15	1
Strip Permit No. 64-173	Clearfield	4,313	-	-	-	-	4,313	-	21	*	1
Strip Permit No. 64-193	Clearfield	22,690	-	-	-	-	22,690	-	85	10	-
Strip Permit No. 113-6(b)	Clearfield	37,496	-	-	-	-	37,496	-	157	9	-
Total		127,292	-	-	-	-	127,292	-	34	34	2
Bowman, W. C.											
Strip Permit No. 1148-1	Clearfield	-	-	3,419	-	-	3,419	-	162	2	-
Bradford Coal Co., Inc.											
Strip Permit No. 61-26	Clearfield	-	-	16,534	-	-	16,534	-	160	24	1
Strip Permit No. 61-28	Clearfield	-	-	34,646	-	-	34,646	-	175	-	-
Strip Permit No. 61-31	Clearfield	-	-	41,162	-	-	41,162	-	175	-	-
Total		-	-	92,342	-	-	92,342	-	24	-	1
Brown Co., Earl M.											
Strip Permit No. 104-21	Clearfield	-	-	3,463	-	-	3,463	-	53	*	-
Strip Permit No. 104-22(A2)	Clearfield	-	-	24,594	-	-	24,594	-	234	8	-
Strip Permit No. 104-23(A3)	Clearfield	-	-	8,000	-	-	8,000	-	242	6	-
Strip Permit No. 104-25(A5)	Clearfield	-	-	43,460	-	-	43,460	-	255	10	-
Strip Permit No. 104-26(A)	Clearfield	-	-	44,794	-	-	44,794	-	194	5	-
Strip Permit No. 104-27 (a)	Clearfield	-	-	5,440	-	-	5,440	-	182	*	-
Strip Permit No. 104-28(A2)	Clearfield	-	-	40,458	-	-	40,458	-	229	5	-
Strip Permit No. 104-29	Clearfield	-	-	8,578	-	-	8,578	-	141	*	-
Strip Permit No. 104-30	Clearfield	-	-	6,474	-	-	6,474	-	106	*	-
Strip Permit No. 104-31	Clearfield	-	-	4,969	-	-	4,969	-	203	4	-
Strip Permit No. 104-34	Clearfield	-	-	10,042	-	-	10,042	-	53	*	-
Total		-	-	200,272	-	-	200,272	-	38	-	-
Cardinal Coal & Contracting Co.											
Strip Permit No. 1164-2 (c)	Clearfield	-	-	-	-	-	-	-	51	40	-
Strip Permit No. 1164-4(A2)(c)	Clearfield	-	-	3,977	-	-	3,977	-	51	-	-
Strip Permit No. 1164-5 (c)	Clearfield	-	-	15,186	-	-	15,186	-	123	-	-
Total		-	-	19,163	-	-	19,163	-	40	-	-
Coal Hill Contracting Co., Inc.											
Strip Permit No. 1470-2	Clearfield	-	-	38,431	52	-	38,483	-	277	13	-
Curtin Coal Co., Inc.											
Strip Permit No. 1616-1	Clearfield	-	-	48,130	-	-	48,130	-	224	12	-

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Total Production of Coal				
		By Rail	By Water	By Truck	Purposes	Locally for Domestic	Used in Manufacture of Coke	Total Production of Coal	Average No. Days of Worked	Fatal Accidents	Non-fatal Accidents
Edgren Coal Co.	Clearfield	-	-	6,667	-	-	-	6,667	202	3	-
Elliot Coal Mining Co., Inc.	Clearfield	-	-	46,634	-	-	-	46,634	255	19	-
Strip Permit No. 59-5	Clearfield	-	-	55,350	-	-	-	55,350	181	16	-
Strip Permit No. 59-19	Clearfield	-	-	139,135	-	-	-	139,135	256	17	-
Strip Permit No. 59-22	Clearfield	-	-	6,048	-	-	-	6,048	63	*	-
Strip Permit No. 59-28	Clearfield	-	-	21,765	-	-	-	21,765	218	*	-
Strip Permit No. 59-29	Clearfield	-	-	37,214	-	-	-	37,214	247	19	-
Strip Permit No. 59-33	Clearfield	-	-	306,146	-	-	-	306,146	71	-	-
Total		-	-	-	-	-	-	-	-	-	-
Fahr Coal Co.	Clearfield	-	-	-	8,737	-	-	8,737	221	2	-
Strip Permit No. 1352-1	Clearfield	-	-	-	-	-	-	-	-	-	-
Fleck Construction Co., G.C.	Clearfield	-	-	10,815	-	-	-	10,815	202	6	-
Strip Permit No. 1677-1	Clearfield	-	-	-	-	-	-	-	-	-	-
Fran Contracting, Inc.	Clearfield	-	-	72,352	-	-	-	72,352	100	14	-
Strip Permit No. 1073-6	Clearfield	-	-	92,536	-	-	-	92,536	100	11	-
Strip Permit No. 1073-7	Clearfield	-	-	164,888	-	-	-	164,888	25	-	-
Total		-	-	-	-	-	-	-	-	-	-
Gallagher Coal Co.	Clearfield	-	-	17,048	-	-	-	17,048	260	7	-
Strip Permit No. 371-1, 2, 3 & 4	Clearfield	-	-	-	-	-	-	-	-	-	-
Graham Brothers Coal Co.	Clearfield	-	-	3,659	-	-	-	3,659	129	3	-
Strip Permit No. 1314-1	Clearfield	-	-	15,594	-	-	-	15,594	249	5	-
Strip Permit No. 1314-3	Clearfield	-	-	19,253	-	-	-	19,253	8	-	-
Total		-	-	-	-	-	-	-	-	-	-
Greene Contracting, Richard D.	Clearfield	-	-	26,417	-	-	-	26,417	214	8	-
Strip Permit No. 1188-1	Clearfield	-	-	-	-	-	-	-	-	-	-
Hamer, Ardell B.	Clearfield	-	-	-	-	-	-	-	142	1	-
Strip Permit No. 517-1	Clearfield	-	-	-	-	-	-	23,979	215	6	-
Strip Permit No. 278-19(e)	Clearfield	-	-	-	-	-	-	23,979	7	-	-
Total		23,979	-	-	-	-	-	-	-	-	-
Hamilton Contracting Co., Al	Clearfield	-	-	6,107	-	-	-	6,107	250	79	3
Strip Permit No. 533-1	Clearfield	-	-	8,904	-	-	-	8,904	255	-	-
Strip Permit No. 533-8	Clearfield	-	-	100,693	-	-	-	100,693	265	-	-
Strip Permit No. 533-9	Clearfield	-	-	10,949	-	-	-	10,949	255	-	1
Strip Permit No. 533-10	Clearfield	-	-	77,185	-	-	-	77,185	265	-	-
Strip Permit No. 533-11	Clearfield	-	-	25,239	-	-	-	25,239	265	-	-
Strip Permit No. 533-17	Clearfield	-	-	229,077	-	-	-	229,077	79	-	4
Total		-	-	-	-	-	-	-	-	-	-

District 44

		Production of Coal & Coke - Net Tons										
		Shipped to Market		Locally Used in		Total Production of Coal		Total Production of Coke		Average Days Worked		
		By Rail	By Water	By Truck	For Domestic Purposes	Manufacture of Coke						Non-fatal accidents
Operators and Mines	County											
Hansolvan Coal Co., Inc., Ed Strip Permit No. 1157-2	Clearfield	-	-	7,389	-	-	7,389	-	55	2	-	-
Harbison-Walker Refractories U.S. Strip Permit No. 266-4	Clearfield	-	-	-	-	-	-	-	19	7	-	-
Holland, Arden W. Strip Permit No. 661-1A	Clearfield	21,824	-	-	-	-	21,824	-	245	6	-	-
Jones Coal Co. Strip Permit No. 667-1	Clearfield	-	-	34,585	-	-	34,585	-	212	8	-	-
K & J Coal Co., Inc. (f) Strip Permit No. 56-36, 39 & 45	Clearfield	-	-	45,521	59,867(a)	-	105,388	-	306	24	-	1
Kasubick Brothers Coal Co. Strip Permit No. 185-1	Clearfield	-	-	19,750	-	-	19,750	-	168	5	-	-
Lansberry Coal & Excavating Co. Auger-BAM-860	Clearfield	-	-	812	-	-	812	-	20	5	-	-
Long Coal Co., A.W. Strip Permit No. 663-1	Clearfield	-	-	10,793	-	-	10,793	-	240	5	-	-
M & M Construction Co. Strip Permit No. 1266-1	Clearfield	-	-	11,602	-	-	11,602	-	246	5	-	-
Strip Permit No. 1266-4	Clearfield	-	-	9,950	-	-	9,950	-	147	5	-	-
Total		-	-	21,552	-	-	21,552	-	10	-	-	-
McGovern Coal Co., Clair C. Strip Permit No. 440-3	Clearfield	-	-	24,953	-	-	24,953	-	262	5	-	-
Penn Coal Co., Inc. Strip Permit No. 607-6	Clearfield	-	-	792	-	-	792	-	11	*	-	-
Strip Permit No. 607-8	Clearfield	-	-	50,678	-	-	50,678	-	200	15	-	-
Strip Permit No. 607-9	Clearfield	-	-	-	-	-	-	-	15	*	-	-
Strip Permit No. 607-11	Clearfield	-	-	125	-	-	125	-	18	*	-	-
Strip Permit No. 607-14	Clearfield	-	-	913	-	-	913	-	37	*	-	-
Strip Permit No. 607-16	Clearfield	-	-	30,002	-	-	30,002	-	198	8	-	-
Total		-	-	82,510	-	-	82,510	-	23	-	-	-
Pike Coal Co. Strip Permit No. 430-28	Clearfield	-	-	30,461	-	-	30,461	-	241	9	-	-
Strip Permit No. 430-29	Clearfield	-	-	12,141	-	-	12,141	-	186	6	-	1
Total		-	-	42,602	-	-	42,602	-	15	-	-	1
Power Contracting Co., Inc. Strip Permit No. 1078-4	Clearfield	-	-	14,683	-	-	14,683	-	128	12	-	-
Strip Permit No. 1078-8	Clearfield	-	-	64,300	-	-	64,300	-	234	14	-	-
Strip Permit No. 1087-12	Clearfield	-	-	33,285	-	-	33,285	-	240	3	-	-
Total		-	-	112,268	-	-	112,268	-	29	-	-	-

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total Production of Coal		Average No. of Days of Worked	
		By Rail	By Water	By Truck	for Domestic Purposes	Locally	Used in Manufacture of Coke	of Coal	of Coke	age	of Em- ployes
											Fatal acci- dents
											Fatal acci- dents
Reese, Oliver P.	Clearfield	-	-	7,384	-	-	-	7,384	-	144	5
Strip Permit No. 1852-1											
Reese Brothers	Clearfield	-	-	9,807	-	-	-	9,807	-	248	3
Strip Permit No. 539-2											
Strip Permit No. 593-7(A)C	Clearfield	-	-	15,180	-	-	-	15,180	-	248	8
Strip Permit No. 593-11	Clearfield	-	-	17,775	-	-	-	17,775	-	248	7
Strip Permit No. 593-12	Clearfield	-	-	33,101	-	-	-	33,101	-	248	8
Total											
Roy Coal Co.	Clearfield	-	-	4,231	-	-	-	4,231	-	175	2
Strip Permit No. 113-4											
Ryan Brothers Coal Co.	Clearfield	-	-	18,687	-	-	-	18,687	-	272	8
Strip Permit No. 31-10	Clearfield	-	-	12,700	-	-	-	12,700	-		
Strip Permit No. 31-11	Clearfield	-	-	31,387	-	-	-	31,387	-		8
Total											
Ryan Estate, William W.	Clearfield	-	-	13,151	555	-	-	13,706	-	254	6
Strip Permit No. 1344-2											
Stott Coal Co., Inc., James M.	Clearfield	37,070	-	-	-	-	-	37,070	-	190	5
Strip Permit No. 278-16(A2)	Clearfield	84,385	-	-	-	-	-	84,385	-	190	11
Strip Permit No. 278-17A	Clearfield	55,094	-	-	-	-	-	55,094	-	190	16
Strip Permit No. 278-20	Clearfield	176,549	-	-	-	-	-	176,549	-		32
Total											
Swistock & George	Clearfield	-	-	-	-	-	-	-	-	25	9
Strip Permit No. 1638-8											
T. & T. Clay Co.	Clearfield	-	-	4,963	-	-	-	4,963	-	90	3
Strip Permit No. 1126-2											
Thompson Brothers Coal Co., Inc.	Clearfield	-	-	21,445	-	-	-	21,445	-	76	21
Strip Permit No. 127-8	Clearfield	-	-	32,051	-	-	-	32,051	-	146	17
Strip Permit No. 127-10	Clearfield	-	-	37,365	-	-	-	37,365	-	124	11
Strip Permit No. 127-11	Clearfield	-	-	18,409	-	-	-	18,409	-	76	*
Strip Permit No. 127-12	Clearfield	-	-	29,338	-	-	-	29,338	-	76	*
Strip Permit No. 127-13	Clearfield	-	-	138,608	-	-	-	138,608	-	49	1
Total											
Thompson Coal Co., Inc.	Clearfield	-	-	39,814	-	-	-	39,814	-	239	10
Strip Permit No. 492-1											
Turner Coal Co., W.R.	Clearfield	-	-	34,277	-	-	-	34,277	-	258	11
Strip Permit No. 1576-1											
V & C Coal Co.	Clearfield	-	-	4,895	-	-	-	4,895	-	214	2
Strip Permit No. 1632-1											

District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average No. of Em- ployed	
		By Rail	By Motor Truck	Locally	Domestic	By Rail	Domestic	By Rail	Domestic	Days	Fatal acci-
											dents
Warrior Coal & Clay Co., Strip Permit No. 1472-1	Clearfield	-	-	1,061	-	-	-	1,061	-	151	-
Winters Construction Co., Nelson Strip Permit No. 11-3A	Clearfield	-	-	4,529	-	-	-	4,529	-	107	-
District Total		173,480	-	1,966,966	69,211(b)	-	2,307,337	-	212	698	10

NOTE: (a) Completed.
 (b) Formerly operated by the Roy Coal Company.
 (c) Formerly operated by the Bull Run Coal Company.
 (d) Information taken from monthly reports as no Annual Report was submitted.
 (e) Formerly operated by the James M. Stott Coal Company, Inc.
 (f) Formerly Richardson & Johnson Coal Company.
 (g) Stockpiled.
 (h) 59,867 tons stockpiled.
 * Not included with those at other operations, same company.

District 45

Avery Coal Co., Inc., Strip Permit No. 504-1B	Clearfield	44,916	-	-	-	-	-	44,916	-	264	17	-
Benjamin Coal Co., Strip Permit No. 64-12B	Clearfield	54,524	-	-	-	-	-	54,524	-	221	12	-
Strip Permit No. 64-136	Clearfield	-	-	-	-	-	-	44,778	-	221	7	-
Strip Permit No. 64-149	Clearfield	62,867	-	-	-	-	-	62,867	-	163	15	-
Total		162,307	-	-	-	-	-	162,307	-	348	34	1
Cardinal Coal & Contracting Co., Strip Permit No. 1649-1	Clearfield	-	-	7,614	-	-	-	7,614	-	203	18	-
Strip Permit No. 1649-1A	Clearfield	-	-	10,003	-	-	-	10,003	-	-	-	-
Strip Permit No. 1649-2	Clearfield	-	-	1,668	-	-	-	1,668	-	109	-	-
Strip Permit No. 1649-3	Clearfield	-	-	30,620	-	-	-	30,620	-	203	-	-
Total		-	-	69,685	-	-	-	69,685	-	18	18	1
Carlisle Inc., R.S., Strip Permit No. 134-7	Clearfield	18,210	-	47,832	-	-	-	66,042	-	211	5	-
Clearfield Limestone Corp., Strip Permit No. 238-5 & 6	Clearfield	51,074	-	-	-	-	-	51,074	-	225	14	-

	Production of Coal & Coke - Net Tons
--	--------------------------------------

228

Production of Coal & Coke - Net Tons

District 45A

Strip Permit No. 584-13 & 14(a)	
Strip Permit No. 584-15 & 15A	
Total	

* Men included with those at other operations, same company.

District 45A

	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used			Total	
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coke	Locally for	Used in Manu- facture of Coke	Produc- tion	Aver- age Days of Em- ployes Worked	Non- fatal acci- dents
Operators and Mines											
Becker, Blake L., Jr.	Clearfield	-	-	6,806	-	-	-	-	6,806	207	3
Strip Permit No. 1367-7	Clearfield	-	-	16,364	-	-	-	-	16,364	126	13
Strip Permit No. 1367-9	Clearfield	-	-	23,170	-	-	-	-	23,170	16	-
Total											
Benjamin Coal Co.											
Strip Permit No. 64-84	Clearfield	51,866	-	-	-	-	-	-	51,866	220	14
Strip Permit No. 64-142	Clearfield	54,069	-	-	-	-	-	-	54,069	203	4
Strip Permit No. 64-143	Clearfield	139,673	-	-	-	-	-	-	139,673	220	18
Strip Permit No. 64-148	Clearfield	31,489	-	-	-	-	-	-	31,489	179	8
Strip Permit No. 64-160	Clearfield	12,439	-	-	-	-	-	-	12,439	41	*
Strip Permit No. 64-161	Clearfield	60,262	-	-	-	-	-	-	60,262	220	13
Total		349,798	-	-	-	-	-	-	349,798	57	6
Bitumco Mining Co., Inc.											
Strip Permit No. 1819-1A	Clearfield	-	-	34,586	-	-	-	-	34,586	251	4
Compass Coal Co., Inc.											
Strip Permit No. 33-12	Clearfield	-	-	74,574	-	-	-	-	74,574	242	10
Continental Coal Co.											
Strip Permit No. 1505-1	Clearfield	-	-	17,594	-	-	-	-	17,594	138	13
France Refractories Co., J.H.											
Strip Permit No. 525-3	Clearfield	-	-	2,200	-	-	-	-	2,200	160	2
Glen Irvan Corp.											
Strip Permit No. 671-2	Clearfield	-	-	14,192	-	-	-	-	14,192	250	5
Strip Permit No. 671-14	Clearfield	-	-	5,865	-	-	-	-	5,865	126	3
Total		-	-	20,037	-	-	-	-	20,037	8	-
H. A. Enterprises, Inc.											
Strip Permit No. 1810-1	Clearfield	-	-	29,075	-	-	-	-	29,075	300	5
Harbison-Walker Refractories											
Strip Permit No. 266-8	Clearfield	-	-	539	-	-	-	-	539	113	2
Strip Permit No. 266-12	Clearfield	-	-	42,852	-	-	-	-	42,852	267	7
Total		-	-	43,391	-	-	-	-	43,391	9	-
Hartman Contractor, Warren C.											
Strip Permit No. 1737-1	Clearfield	34,552	-	-	-	-	-	-	34,552	245	6
Hatten Mining Co.											
Strip Permit No. 1849-1	Clearfield	-	-	16,245	-	-	-	-	16,245	240	5
Hepburnia Coal Co.											
Strip Permit No. 14-41	Clearfield	52,053	-	-	-	-	-	-	52,053	257	10
Strip Permit No. 14-48, 48A&2	Clearfield	43,596	-	-	-	-	-	-	43,596	257	8
Strip Permit No. 14-56	Clearfield	4,578	-	-	-	-	-	-	4,578	126	2

District 45A

		Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production		Total Production		Average	
		By Rail	By Water	By Truck	By Domestic Purposes	Manu- facture of Coal	of Coke	tion of Coal	of Coke	Days of Em- ployed	No. Fatal acci- dents
Operators and Mines	County										
Hepburnia Coal Co. (continued)											
Strip Permit No. 14-57	Clearfield	11,039	-	-	-	11,039	-	-	-	197	2
Strip Permit No. 14-60	Clearfield	24,995	-	-	-	24,995	-	-	-	173	3
Total		136,261	-	-	-	136,261	-	-	-	25	2
Ingram Coal Co.											
Strip Permit No. 1476-1	Clearfield	819	-	-	-	819	-	-	-	21	5
Jeffrey B. Coal Co., Inc.											
Strip Permit No. 1678-1	Clearfield	-	-	37,202	-	37,202	-	-	-	227	14
Strip Permit No. 1678-2	Clearfield	-	-	6,771	-	6,771	-	-	-	82	-
Total		-	-	43,973	-	43,973	-	-	-	14	-
Jones Coal Co.											
Strip Permit No. 667-8	Clearfield	-	-	6,248	-	6,248	-	-	-	134	3
MSM Coal Co., Inc.											
Strip Permit No. 1748-2	Clearfield	-	-	3,138	-	3,138	-	-	-	98	3
McDonald Land & Mining Co., Inc.											
Strip Permit No. 659-2	Clearfield	-	-	22,993	-	22,993	-	-	-	191	8
Strip Permit No. 659-7	Clearfield	-	-	56,244	-	56,244	-	-	-	265	12
Strip Permit No. 659-8	Clearfield	-	-	29,458	-	29,458	-	-	-	239	8
Strip Permit No. 659-10	Clearfield	-	-	61,833	-	61,833	-	-	-	273	10
Strip Permit No. 659-14	Clearfield	-	-	12,534	-	12,534	-	-	-	87	9
Total		-	-	183,062	-	183,062	-	-	-	47	-
New Shawmut Mining Co.											
Strip Permit No. 196-14	Clearfield	-	-	8,019	-	8,019	-	-	-	209	4
Auger-BAM-867	Clearfield	-	-	27,258	-	27,258	-	-	-	-	-
Total		-	-	35,277	-	35,277	-	-	-	4	-
P & N Coal Co., Inc.											
Strip Permit No. 32-96	Clearfield	14,650	-	-	-	14,650	-	-	-	106	6
Pentz Coal Co., Inc.											
Strip Permit No. 1521-1	Clearfield	-	-	-	12,814	12,814	-	-	-	174	2
Sadoti, Nick J.											
Strip Permit No. 1584-1 & 2	Clearfield	-	-	75,763	-	75,763	-	-	-	294	39
Shale Hill Coal Co.											
Strip Permit No. 598-22	Clearfield	1,865	-	-	-	1,865	-	-	-	101	3
Shawville Coal Co.											
Strip Permit No. 30-44	Clearfield	45,212	-	-	-	45,212	-	-	-	213	13
Strip Permit No. 30-46	Clearfield	15,782	-	-	-	15,782	-	-	-	102	5
Total		60,994	-	-	-	60,994	-	-	-	18	-

District 45A

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average No. Days of Employment	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	tion of Coal	tion of Coke	tion of Coke	Days of Employment	Fatal accidents
Sky Haven Coal, Inc.	Clearfield	-	-	30,842	-	-	30,842	-	247	4	-
	Strip Permit No. 1812-5	-	-	7,008	-	-	7,008	-	181	2	-
	Strip Permit No. 1812-10	-	-	29,609	-	-	29,609	-	245	3	-
	Strip Permit No. 1812-16	-	-	18,209	-	-	18,209	-	169	5	-
	Strip Permit No. 1812-19	-	-	1,093	-	-	1,093	-	21	*	-
Total		-	-	86,761	-	-	86,761	-	14	-	-
Strishock Coal Co.	Clearfield	28,122	-	5,544	-	-	33,666	-	284	5	-
	Strip Permit No. 214-13	-	-	-	-	-	-	-	-	-	-
Thomas Coal Co., Inc.	Clearfield	-	-	32,784	-	-	32,784	-	231	11	-
	Strip Permit No. 42-14	-	-	59,957	-	-	59,957	-	251	16	-
	Clearfield	-	-	680	-	-	680	-	121	3	-
	Strip Permit No. 42-21	-	-	63,560	-	-	63,560	-	217	11	-
	Clearfield	-	-	6,219	-	-	6,219	-	149	4	-
	Strip Permit No. 42-22	-	-	-	-	-	-	-	60	*	-
	Clearfield	-	-	23,055	-	-	23,055	-	240	7	-
	Strip Permit No. 42-24(b)	-	-	56,624	-	-	56,624	-	195	12	-
	Clearfield	-	-	7,886	-	-	7,886	-	50	*	-
	Strip Permit No. 42-28	-	-	2,022	-	-	2,022	-	11	*	-
Total		-	-	252,787	-	-	252,787	-	64	-	-
Union Coal Co., Inc.	Clearfield	-	-	332	-	-	332	-	26	6	-
	Strip Permit No. 444-2	-	-	16,554	-	-	16,554	-	161	-	1
	Strip Permit No. 444-7	-	-	16,886	-	-	16,886	-	6	-	1
Total		-	-	-	-	-	-	-	-	-	-
Van Leer Coal Co.	Clearfield	-	-	11,308	-	-	11,308	-	103	5	-
	Strip Permit No. 1822-1	-	-	-	-	-	-	-	-	-	-
	Maroquier Coal Co.	20,488	-	7,813	-	-	28,301	-	237	7	-
	Strip Permit No. 1400-2A	-	-	3,350	-	-	3,350	-	66	5	-
Strip Permit No. 1400-3	Clearfield	20,488	-	11,163	-	-	31,651	-	12	-	-
	Strip Permit No. 1400-3	-	-	-	-	-	-	-	-	-	-
District Total		677,189	-	992,802	12,814	-	1,682,805	-	217	414	12

NOTE: (a) Completed.
 (b) Backfilling.
 (c) Information taken from monthly reports as no Annual Report was submitted.
 * Men included with those at other operations, same company.
 @ Men included with that submitted by the Jeffrey B. Coal Co.

District 46

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Total Production of Coal				
		By Rail	By Water	By Truck	By Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days of Worked	No. Fatal accidents	Non-Fatal accidents
Avery Coal Co., Inc.	Clinton	1,523	-	-	-	-	1,523	-	75	*	-
	Clinton	1,535	-	-	-	-	1,535	-	15	*	-
	Clinton	23,259	-	-	-	-	23,259	-	175	10	-
	Clinton	182,160	-	-	-	-	182,160	-	288	24	-
	Clinton	7,556	-	-	-	-	7,556	-	150	6	-
Total		216,033	-	-	-	-	216,033	-	40	-	-
Bennetts Coal Co.	Elk	-	-	17,790	-	-	17,790	-	194	4	-
	Elk	-	-	17,834	-	-	17,834	-	220	4	-
	Total	-	-	35,624	-	-	35,624	-	8	-	-
Brown Co., Earl M.	Elk	-	-	9,592	-	-	9,592	-	104	5	-
	Elk	28,255	-	3,139	-	-	31,394	-	238	7	-
	Clinton	-	-	9,780	-	-	9,780	-	253	18	-
C & K Coal Co.	Clinton	-	-	14,294	-	-	14,294	-	-	-	-
	Clinton	-	-	119,344	-	-	119,344	-	-	-	-
	Clinton	-	-	143,418	-	-	143,418	-	18	-	-
Cooks Run Coal Co., Inc.	Clinton	-	-	52,401	-	-	52,401	-	160	8	-
	Clinton	-	-	6,161	-	-	6,161	-	70	-	-
	Total	-	-	58,562	-	-	58,562	-	8	-	-
Doan Coal Co.	Elk	2,800	-	-	-	-	2,800	-	141	3	-
	Elk	38,563	-	3,087	-	-	41,650	-	277	3	-
	Elk	2,916	-	61	-	-	2,977	-	82	*	-
Total		44,279	-	3,148	-	-	47,427	-	6	-	-
Elco Coal Co.	Elk	-	-	13,657	-	-	13,657	-	281	2	-
	Elk	-	-	43,727	-	-	43,727	-	269	7	-
	Elk	-	-	9,643	-	-	9,643	-	134	3	-
Total		-	-	53,370	-	-	53,370	-	10	-	-
Fairview Coal Co., Inc.	Elk	-	-	25,862	-	-	25,862	-	306	6	-
	Elk	-	-	28,262	-	-	28,262	-	306	5	-
	Elk	-	-	-	-	-	-	-	-	-	-

District 46

Production of Coal & Coke - Net Tons									
Operators and Mines	County	Shipped to Market		Coal Used		Total Production of Coal	Total Production of Coke	Average Days of Worked	Non-Fatal Fatal accidents
		By Rail	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke				
Fairview Coal Co., Inc. (continued)	Elk	-	15,000	-	-	15,000	-	136	7
Strip Permit No. 1244-6	Elk	-	3,718	-	-	3,718	-	55	*
Auger-BAM-727	Elk	-	72,842	-	-	72,842	-	18	-
Total									
Fink & Stackhouse, Inc.	Clinton	-	-	-	-	-	-	260	3
Strip Permit No. 524-2 & 2A	Clinton	-	1,471	-	-	1,471	-	130	2
Strip Permit No. 524-3C	Clinton	-	1,471	-	-	1,471	-	5	-
Total									
Glen Irvan Corp.	Elk	-	26,993	-	-	26,993	-	251	7
Strip Permit No. 671-9	Elk	-	1,946	-	-	1,946	-	49	3
Strip Permit No. 671-10	Elk	-	28,939	-	-	28,939	-	10	-
Total									
Harbison Walker Refractories	Clinton	-	-	-	-	-	-	130	2
Strip Permit No. 266-15	Clinton	-	-	-	-	-	-	124	2
Huff, Ronald F.	Elk	-	3,388	-	-	3,388	-	280	6
Strip Permit No. 1791-1	Elk	-	35,900	-	-	35,900	-	64	3
Ingram Coal Co.	Elk	-	-	-	-	-	-	174	2
Strip Permit No. 1476-5	Elk	-	3,522	-	-	3,522	-	242	15
Keech Coal Co.	Elk	-	3,643	-	-	3,643	-	134	27
Strip Permit No. 1793-1	Elk	-	33,427	-	-	33,427	-	246	-
New Shawmuc Mining Co.	Elk	-	13,034	-	-	13,034	-	212	-
Strip Permit No. 196-12	Elk	-	161	-	-	161	-	243	-
P & N Coal Co., Inc.	Elk	-	27,891	-	-	27,891	-	42	-
Strip Permit No. 32-74	Elk	-	32,557	-	-	32,557	-	15	-
Strip Permit No. 32-92C	Elk	-	7,424	-	-	7,424	-	15	-
Strip Permit No. 32-42	Elk	-	30,868	-	-	30,868	-	42	-
Strip Permit No. 32-62	Elk	-	143,311	-	-	143,311	-	42	-
Strip Permit No. 32-68	Elk	-	47,030	-	-	47,030	-	15	-
Strip Permit No. 32-84	Elk	-	5,118	-	-	5,118	-	15	-
Total									
Quinn Coal & Clay Mines	Clinton	-	-	-	-	-	-	266	15
Strip Permit No. 530-1	Clinton	-	-	-	-	-	-	4,684	-
Strip Permit No. 530-3	Clinton	-	23,062	-	-	23,062	-	32,864	-
Strip Permit No. 530-5	Clinton	-	32,864	-	-	32,864	-	15	-
Total									

District 46

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market	By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days of Employment	Non-Fatal Fatal accidents
R & R Coal Co.	Elk	-	-	-	42,502	-	-	42,502	-	198	5
Strip Permit No. 135-13	Elk	-	-	-	18,017	-	-	18,017	-	73	2
Strip Permit No. 135-14	Elk	-	-	-	3,234	-	-	3,234	-	18	2
Strip Permit No. 135-15	Elk	-	-	-	4,323	-	-	4,323	-	50	2
Strip Permit No. 135-16	Elk	-	-	-	6,330	-	-	6,330	-	35	2
Auger-BAM-917	Elk	-	-	-	74,406	-	-	74,406	-	13	-
Total											
Rearick Coal Co., William P.	Elk	-	-	-	8,341	-	-	8,341	-	59	5
Strip Permit No. 1884-1	Elk	-	-	-	-	-	-	-	-	-	-
River Hill Coal Co., Inc.	Clinton	42,257	-	-	-	-	-	42,257	-	241	14
Strip Permit No. 20-43	Clinton	94,400	-	-	5,211	-	-	99,611	-	243	29
Strip Permit No. 20-46	Clinton	136,657	-	-	5,211	-	-	141,868	-	43	-
Total											
Shawville Coal Co.	Clinton	20,255	-	-	-	-	-	20,255	-	130	8
Strip Permit No. 30-43	Clinton	-	-	-	-	-	-	-	-	-	-
Sky Haven Coal, Inc.	Elk	-	-	-	4,240	-	-	4,240	-	118	*
Strip Permit No. 1812-3	Elk	-	-	-	18,218	-	-	18,218	-	256	2
Strip Permit No. 1812-11	Elk	-	-	-	6,244	-	-	6,244	-	254	2
Strip Permit No. 1812-18	Elk	-	-	-	16,688	-	-	16,688	-	136	2
Strip Permit No. 1812-22	Elk	-	-	-	8,330	-	-	8,330	-	136	2
Strip Permit No. 1812-23	Elk	-	-	-	53,720	-	-	53,720	-	8	-
Total											
Tamburlin Brothers Coal Co., Inc.	Elk	-	-	-	24,166	-	-	24,166	-	284	3
Strip Permit No. 472-4	Elk	-	-	-	51,147	-	-	51,147	-	284	3
Strip Permit No. 472-7	Elk	-	-	-	10,321	-	-	10,321	-	233	5
Strip Permit No. 472-8	Elk	-	-	-	85,634	-	-	85,634	-	11	1
Total											
Vollmer, Lawrence B.	Elk	-	-	-	-	488	-	488	-	103	2
Strip Permit No. 142-1 & 1A	Elk	-	-	-	-	-	-	-	-	-	-
District Total		588,790	-	-	777,421	488	-	1,366,699	-	226	299

NOTE: * Men included with those at other operations, same company.

District 47

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Locally Used in Manu- facture of Coke		Total Production of Coal		Total Production of Coke		Average Days Worked	
		By Rail	By Water	By Truck	By Domestic Purposes	Produced	Produced	Produced	Produced	No. of Employees	Non-Fatal Accidents
Carlin, Inc., R.S.	Centre	1,859	-	27,399	-	29,258	-	211	11	-	-
Strip Permit No. 134-23	Centre	-	-	6,052	-	6,052	-	211	7	-	-
Strip Permit No. 134-32	Centre	6,908	-	17,850	-	24,758	-	211	3	-	-
Strip Permit No. 134-38 & 39	Centre	8,767	-	51,301	-	60,068	-	21	21	-	-
Total											
Elliot Coal Mining Co., Inc.	Centre	-	-	41,074	-	41,074	-	210	9	-	-
Strip Permit No. 59-7	Centre	-	-	23,875	-	23,875	-	215	4	-	-
Strip Permit No. 59-37	Centre	-	-	64,949	-	64,949	-	13	13	-	-
Total											
Fisher Mining Co.	Lycoming	-	-	96,199	-	96,199	-	302	26	-	-
Strip Permit No. 637-1	Centre	-	-	30,834	642	31,476	-	186	8	-	4
Halfway Coal Yard, Inc.	Centre	-	-	14,210	-	14,210	-	103	4	-	-
Strip Permit No. 1276-1	Centre	-	-	25,921	-	25,921	-	169	6	-	-
Strip Permit No. 1276-2	Centre	-	-	7,979	-	7,979	-	107	2	-	-
Strip Permit No. 1276-3	Centre	-	-	13,105	-	13,105	-	51	21	-	-
Strip Permit No. 1276-4	Centre	-	-	29,078	-	29,078	-	140	5	-	-
Strip Permit No. 1276-5	Centre	-	-	42,364	-	42,364	-	169	7	-	-
Strip Permit No. 1276-6	Centre	1,635	-	120,642	-	120,642	-	210	12	-	-
Strip Permit No. 1276-7	Centre	-	-	286,410	642	286,410	-	65	65	-	4
Strip Permit No. 1276-8	Centre	1,635	-	115,074	-	106,181	-	197	21	-	-
Total		65,957	-	115,074	-	74,850	-	196	13	-	-
Johnson & Morgan	Centre	65,957	-	115,074	-	181,031	-	34	34	-	-
Strip Permit No. 490-6	Centre	-	-	146,987	487	147,474	-	282	15	-	1
Strip Permit No. 490-8	Centre	-	-	71,271	-	71,271	-	282	8	-	1
Total		-	-	218,258	487	218,745	-	23	23	-	2
Jones & Brague Mining Co.	Lycoming	-	-	43,531	-	43,531	-	216	21	-	-
Strip Permit No. 7-23	Lycoming	-	-	6,397	-	6,397	-	41	3	-	-
Strip Permit No. 7-30	Lycoming	-	-	2,094	-	2,094	-	61	3	-	-
Total		-	-	-	-	-	-	-	-	-	-
Moore & Son, Inc., W.G.	Centre	-	-	43,531	-	43,531	-	216	21	-	-
Strip Permit No. 313-4, 5 & 6	Centre	-	-	6,397	-	6,397	-	41	3	-	-
Percival, Paul	Lycoming	-	-	2,094	-	2,094	-	61	3	-	-
Strip Permit No. 131-1(a)	Lycoming	-	-	-	-	-	-	-	-	-	-
Power Contracting Co., Inc.	Centre	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1078-9	Centre	-	-	-	-	-	-	-	-	-	-

District 47

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Aver-	
		By	By	Locally	for	Manu-	facture	Produce-	tion	age	No.
		Rail	Water	Truck	Purposes	of Coke		of Coal	of Coke	Days	Fatal
										Worked	accidents
River Hill Coal Co., Inc.	Centre	47,593	-	-	-	-	-	47,593	-	245	16
Strip Permit No. 20-42											
Stott Coal Co., Inc., James M.	Centre	51,741	-	-	-	-	-	51,741	-	190	15
Strip Permit No. 278-11											
District Total		175,693	-	881,936	1,129	-	-	1,058,758	-	202	240
											6

NOTE: (a) Mine closed during 1978.

District 49

Eastern Mining Co.	Tioga	-	-	62,588	-	-	-	62,588	-	142	50
Strip Permit No. 1357-2											
Strip Permit No. 1357-3	Tioga	-	-	97,170	-	-	-	97,170	-	196	-
Strip Permit No. 1357-4	Tioga	-	-	6,127	-	-	-	6,127	-	76	-
Strip Permit No. 1357-5	Tioga	-	-	11,339	-	-	-	11,339	-	37	-
Total		-	-	172,224	-	-	-	177,224	-	50	-
Jones & Brague Mining Co.	Tioga	-	-	130,986	-	-	-	133,765	-	283	22
Strip Permit No. 7-25											2
Strip Permit No. 7-29	Tioga	-	-	95,793	-	-	-	95,793	-	283	18
Strip Permit No. 7-31	Tioga	-	-	51,633	-	-	-	51,633	-	283	15
Strip Permit No. 7-32	Tioga	-	-	36,940	-	-	-	36,940	-	98	15
Strip Permit No. 7-34	Tioga	-	-	49,064	-	-	-	49,064	-	283	9
Strip Permit No. 7-39	Tioga	-	-	25,964	-	-	-	25,964	-	63	8
Total		-	-	390,380	-	-	-	393,159	-	87	4
P & M Coal Co.	Tioga	-	-	17,913	-	-	-	17,913	-	92	*
Strip Permit No. 1477-2											-
District Total		-	-	585,517	2,779	-	-	588,296	-	268	137
											4

NOTE: * Twenty men, included with the total employees of Eastern Mining Company, worked at this operation.

District 65

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		By Water		By Truck		Locally Used in Manufacture of Coal		Total Production of Coal	
		By Rail						for Domestic Purposes		of Coke	
											Average Days Worked
											Non-Fatal Accidents
											Fatal Accidents
Operators and Mines											
Ace Drilling Coal Co., Inc.											
Strip Permit No. 218-16	Blair	-	-	-	1,251	-	-	-	-	1,251	128 4)
Strip Permit No. 218-23	Blair	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 218-26	Blair	21,637	-	-	4,890	-	-	-	26,527	-	148 9
Total		21,637	-	-	6,141	-	-	-	27,778	-	13
Avery Coal Co., Inc.											
Strip Permit No. 584-20	Huntingdon	66,152	-	-	-	-	-	-	66,152	-	216 10)
Strip Permit No. 584-22	Hunt'don/Bedf.	4,338	-	-	-	-	-	-	4,338	-	44
Total		70,490	-	-	-	-	-	-	70,490	-	10
B.B. & B. Strip											
Strip Permit No. 1536-1	Bedford	-	-	-	330	-	-	-	330	-	19 3)
Strip Permit No. 1536-2	Bedford	-	-	-	326	-	-	-	326	-	57
Total		-	-	-	656	-	-	-	656	-	3
K. G. R. Mining, Inc. (a)											
Strip Permit No. 453-4	Bedford	-	-	-	14,296	265	-	-	14,561	-	194 4
Kolak, John											
Special Project No. 567	Blair	-	-	-	5,340	-	-	-	5,340	-	129 4
Krieger Coal, Inc.											
Strip Permit No. 519-4	Bedford	-	-	-	7,880	-	-	-	7,880	-	186 4
L & B Coal Co.											
Strip Permit No. 270-10	Fulton	-	-	-	5,000	-	-	-	5,000	-	68 7)
Strip Permit No. 270-11	Fulton	-	-	-	18,651	-	-	-	18,651	-	182
Strip Permit No. 270-13	Bedford	-	-	-	10,400	-	-	-	10,400	-	84
Strip Permit No. 270-14	Bedford	-	-	-	4,524	-	-	-	4,524	-	130 7
Total		-	-	-	38,575	-	-	-	38,575	-	14
Low Vol Energies, Inc.											
Strip Permit No. 1483-2	Bedford	-	-	-	73,769	-	-	-	73,769	-	215 40
New Enterprise Stone & Lime Co., Inc.											
Strip Permit No. 796- 2, 2A & 2	Bedford	-	-	-	3,798	-	-	-	3,798	-	195 7
District Total		92,127	-	-	150,455	265	-	-	242,847	-	199 99

NOTE: (a) Formerly Kenneth G. Richards.

GEOGRAPHICAL TABLE

District 1

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening				Number and Type				Pounds of Explosives Used			
									Shaft	Slope	Drift		Lamps	Used			Ammonium Nitrate	Dynamite	Other	Permissible
Bethlehem Mines Corp.	Butler	Up. Freeport	52	-	-	-	-	Drift	Gaseous	-	60	212	-	-	-	-	1,000*	-	-	1,500**
Fawn No. 91	Butler	Up. Freeport	52	-	-	-	-	Drift	Nongaseous	-	2	-	-	-	-	-	-	-	-	-
Meredith Mining, Inc.	Allegheny	Up. & Lo. Free.	78	226'	350'	13°53'	-	Gaseous	-	-	50	225	-	-	-	-	-	-	-	-
Kutsch																				
Republic Steel Corp.																				
Russellton																				
District Total																				
District Total																				

* EL844

** Tovex 300

District 2

Tesone Coal Co.	Armstrong	Lo. Kittanning	42	-	-	-	-	Drift	Nongaseous	-	10	40	-	-	-	-	-	-	-	-
Nan-Lee																				
District Total																				
District Total																				

District 3

Emerald Mines Corp.	Greene	Pittsburgh	72.1	650'	2,100'	16.5°	-	Gaseous	-	58	290	-	-	-	-	-	-	-	-	700*
Emerald No. 1	Greene	Pittsburgh	90	250'	875'	19°	-	Gaseous	-	70	550	-	-	-	-	-	-	-	-	-
Nemacolin Mines Corp.	Greene	Pittsburgh	83	332'	789'	15°	-	Gaseous	-	70	340	-	-	-	-	-	-	-	-	2,400*
Nemacolin				163'	542'	17°														
United States Steel Corp.																				
Dilworth																				
District Total																				
District Total																				

Robena No. 1 & MUS

Robena No. 1 & MUS	Greene	Pittsburgh	90	112'	209'	470'	18°	-	Gaseous	-	62	479	-	-	-	-	-	-	-	450**

District 3

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :		Depth : Length	Degrees	Drift :		Number and Type :		Pounds of Explosives Used :	
				: Shaft :	: Slope :			: Drift :	: Drift :	: Lamps Used :	: :	: :	: Other

* Redy Gel

** R. D. Gel

District 4

B&M Coal Co. Central Cambria Drilling Co. Blacks Run Shaft Blacksville No. 1 Mine Shaft	Greene	Sewickley	48	-	-	-	-	-	-	-	-	-	-	-	-
			84	632'	-	-	-	-	-	-	-	-	-	-	-
			84	600'	-	-	-	-	-	-	-	-	-	-	-
	Greene	Sewickley	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-
Dunkard Mining Co. Dunkard Duquesne Light Co. Warwick No. 2 Warwick No. 3	Greene	Sewickley	54	-	-	-	-	-	-	-	-	-	-	-	-
			84	-	-	-	-	-	-	-	-	-	-	-	-
			54	-	-	-	-	-	-	-	-	-	-	-	-
	Greene	Sewickley	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-
Eberhart, George R. Titus Francis Fuel Inc. Francis	Greene	Sewickley	48	-	-	-	-	-	-	-	-	-	-	-	-
			54	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-
	Greene	Sewickley	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-

	: Kind of Opening :	:	Number and Type	:		
	:Shaft:	Slope :Drift:	Lamps Used	Pounds of Explosives Used		
Geological Name	Height of	:	:	:		
Seam :	Inches:	Depth:	Length:	Degrees:		
of Coal Bed	:	:	:	:		
	:	:	Gaseous or :	Flame:Elec- Ammonium		
	:	:	Nongaseous:Open:Safety:tric :	Nitrate		
Johson Co., The R. G.	60	361'	- - Gasceus	- 2 15 - -	- -	1,100*
Warwick No. 2 North Portal Shaft Greene	84	490'	- - Gasceus	- 2 1 - -	- -	470
Cumberland "C" Air Shaft No. 3 Greene	-	315' -	- - Gasceus	- 1 16 - -	- -	10,021
Cumberland Air Shaft No. 4 Greene	84	680'	- - Gasceus	- 2 2 - -	- -	28,200**
Cumberland Air Shaft No. 5 Greene			Total	= 7 34 =	-	10,021 29,300
Triangle Enterprises Bren-Mar Greene	54	- -	- Drift Nongaseous	- 6 30 - -	- -	-
United States Steel Corp. Cumberland "C"	78	750' 2,200' 17°	- Gasceus	- 78 400 - -	- -	2,000**
District Total	-	-	-	- 229 1,124 -	-	44,791 31,300

Consolidation Coal Co.												
Renton		84	511'	-	-	-	Gasous	-	78	408	-	11,000
Harmar Coal Co.												
Harmar		84	-		571'14.02°	-	Gasous	-	50	215	-	200
Oakmont		84	-		674' 13°	-	Gasous	-	35	119	-	100
							Total	-	85	334	-	300
Republic Steel Corp.			292'									
Newfield		72	561'	1,450'	16°	-	Gasous	-	29	281	-	8,380*
							District Total	-	192	1,023	-	19,680

* **Tovex**

District 6

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening		Length:Degrees	Drift:Drift	Number and Type		Pounds of Explosives Used	
					Shaft:	Slope			Lamps Used	:	Other	Permissible
Consolidation Coal Co. Montour No. 4 Montour No. 10	Washington Allegheny	Pittsburgh Pittsburgh	60	-	800'	17°	-	Gaseous	-	145	440	-
			66	-	-	-	-	Drift Gaseous	-	27	155	-
								Total	-	172	595	-
Mathies Coal Co. Mathies	Washington	Pittsburgh	66	-	-	-	-	Drift Gaseous	-	145	750	-
								District Total	-	317	1,345	-
									-	-	-	5,000

District 7

Bethlehem Mines Corp. Ellsworth No. 51 Somerset No. 60	Washington Washington	Pittsburgh Pittsburgh	69	278'	1,249'	17°	-	Gaseous	-	92	478	-
			65	305'	1,270'	17°	-	Gaseous	-	96	591	-
								Total	-	188	1,069	-
United States Steel Corp. Maple Creek No. 1	Washington	Pittsburgh	63	268'	915'	3°	Drift	Gaseous	-	82	386	-
									-	-	-	50*
									-	-	-	-
Maple Creek No. 2	Washington	Pittsburgh	63	382'	-	-	-	Gaseous	-	74	430	-
								Total	-	156	816	-
								District Total	-	344	1,885	-

* R.D. Gel

[illegible][illegible]

* Red-D Gel
** Tovex

* Austin

District 10

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :		Depth : Degrees	Drift : Length	Nongaseous : Drift	Number and Type :		Pounds of Explosives Used			
				Shaft :	Slope :				Lamps Used :	Flame : Elec- : Nitrate				
					Ammonium Dynamite (Name)									
Carpentertown Coal & Coke Co.	Armstrong	Up. Freeport	36	-	-	-	Drift Nongaseous	-	36	85	-	-		
Mahoning Creek No. 2	Armstrong	Up. Freeport	42	-	245' 16° 15'	-	Gaseous	-	75	300	-	1,000*		
Emilide	Armstrong	Up. Freeport	39	105'	935' 9° 75'	-	Gaseous	-	30	119	-	50**		
Emilie No. 4	Armstrong	Up. Freeport	39	105'	935' 9° 75'	-	Gaseous	-	30	119	-	50**		
Jane	Armstrong	Lo. Freeport	54	-	275' 16° 15'	-	Gaseous	-	127	520	-	6,500*		
Margaret No. 11	Armstrong	Up. Freeport	42	-	385' 9°	-	Gaseous	-	20	80	-	-		
							Total		-	252	1,019	-		
							District Total		-	288	1,104	-		
									-	-	-	7,550		

* Tovex
** Duabel C

District 11

Canterbury Coal Co.	Armstrong	Thick Freeport	108	-	-	-	Drift Gaseous	-	80	190	-	11,050*
David	Armstrong	Lo. Kittanning	48	125' 1,150'	6"	-	Gaseous	-	12	42	-	-
DIAnne							Total		-	92	232	-
Creighton Hills Coal Co.	Allegheny	Up. Freeport	78	-	1,500'	-	Drift Nongaseous	-	1	1	-	-
Greighton	Armstrong	Up. Freeport	54	-	120'	-	Nongaseous	-	-	4	-	550**
Kaskan Coal Co.	Armstrong	Lo. Kittanning	48	45'	120' 16"	-	Drift Gaseous	-	27	87	-	100#
Leechburg Mining Co.	Westmoreland	Up. Freeport	45	-	-	-	Drift Nongaseous	-	6	6	-	400#
Foster No. 65	Westmoreland	Up. Freeport	44	-	-	-	Drift Nongaseous	-	2	8	-	2,800**
Loyal Creek Coal Co.	Allegheny	Up. Freeport	52	-	-	-	Drift Gaseous	-	40	-	-	1,000*
Loyal Creek No. 1	Allegheny	Up. Freeport	48	-	-	-	Drift Gaseous	-	7	-	-	1,000*
Partner Coal Co.							Total		-	47	-	-
Gilmur No. 1									-	-	-	2,000
Penn Allegh Coal Co., Inc.									-	-	-	-
Allegheny No. 2									-	-	-	-
Allegheny No. 3									-	-	-	-

District 11

[illegible]

* **Tovex**

*** Dupont

Blasting Powder

##	Coalite
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

District 12

[illegible]

* * Gelobel

District 13[illegible]

District 13

											Kind of Opening			Number and Type			
											Shaft	Slope	Drift	Lamps	Used	Pounds of Explosives	Used
Height of	Geological	County	of Coal Bed	Seam	Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Electric	Flame	Electric	Ammonium	Other
	Name															Dynamite	Permissible (Name)
86	Pittsburgh	Fayette				700'	14°	-	Gaseous	-	70	240	-	-	-	-	700
108	Pittsburgh	Fayette				-	-	-	Drift Gaseous	-	23	110	-	-	-	-	-
										District Total		-	137	860	-	-	4,850

* Red-D-Gel

District 14

24	Brocius, Harold E.	Armstrong	Up. Kittanning	50	-	-	-	-	Drift Nongaseous	-	1	-	-	-	-	-	30*
27	Brocius	Armstrong	Up. Kittanning	72	-	-	-	-	Drift Nongaseous	-	3	7	-	-	-	-	-
	Cannel Coal Co., Inc.	Armstrong	Up. Freeport	38	-	-	-	-	Drift Nongaseous	-	10	52	-	-	-	-	-
	Copper Valley Coal Co., Inc.	Indiana	Up. Freeport	36	-	2,000'	-	-	Drift Nongaseous	-	-	4	-	-	100	-	-
	Copper Valley No. 6	Jefferson	Lo. Kittanning	32	-	150'	12°	-	Nongaseous	-	-	16	-	-	-	-	-
	Davis Coal Co.	Jefferson	Lo. Freeport	32	-	-	-	-	Drift Nongaseous	-	3	16	-	-	-	-	-
	Davis No. 3	Indiana	Lo. Kittanning	40	-	-	-	-	Drift Nongaseous	-	5	26	100	-	-	-	-
	Doverspike Bros. Coal Co.								Total		8	58	100	-	-	-	-
	Dora No. 6	Indiana	Clarion A	48	-	-	-	-	Drift Nongaseous	-	6	28	-	-	-	-	-
	Ringgold No. 2	Jefferson	Lo. Freeport	27	-	-	-	-	Drift Nongaseous	-	2	8	-	-	-	-	-
	Sugarcamp	Jefferson	Lo. Freeport	54	-	-	-	-	Drift Nongaseous	-	2	12	-	-	-	-	27
	Emanuel Coal Co., Inc.	Indiana	Lo. Freeport	36	-	-	-	-	Drift Nongaseous	-	1	6	-	-	-	2,550	-
	No. 1	Indiana	Up. Freeport	38	-	-	-	-	Drift Nongaseous	-	7	50	-	-	-	-	-
	Kennedy Coal Co.								District Total		-	40	226	100	2,650	57	

* Austin

District 15

Operators and Mines	County	Geological Name of Coal Bed	Inches: Seam	Depth: Degrees: Drift:	Kind of Opening			Number and Type			Pounds of Explosives Used			
					: Shaft	: Slope	: Drift:	: Lamps	: Type	: Flame	: Elec-: Ammonium	: Other		
Dixonville Mining Co.														
Dixon Run No. 6	Indiana	Lo. Kittanning	38-40	-	-	-	Drift Nongaseous	-	3	16	-	-	-	
Glory Coal Co., Inc.	Indiana	Lo. Freeport	42	-	-	-	Drift Nongaseous	-	3	20	-	-	-	
Keystone Coal Mining Corp.	Indiana	Lo. Freeport	54	332' 1,250'	16° 15'	-	Gaseous	-	37	170	-	-	250*	
	Indiana	Up. Freeport	42	256' 900'	16°	-	Gaseous	-	30	135	-	-	100*	
	Indiana	Lo. Freeport	54	210' 2,800'	8°	-	Gaseous	-	37	137	-	-	50	
							Total	-	104	442	-	-	400	
Mears Coal Co.														
Chestnut Ridge No. 1	Indiana	Lo. Kittanning	38	-	-	-	Drift Nongaseous	-	3	26	-	-	-	
Dixon Run No. 3	Indiana	Lo. Kittanning	38-40	-	-	-	Drift Nongaseous	-	10	32	-	50	-	
M.Y. No. 1	Indiana	Lo. Kittanning	32	-	-	-	Drift Nongaseous	-	6	20	-	-	-	
							Total	-	19	78	-	50	-	
Oneida Mining Co., The														
Oneida No. 4	Indiana	Lo. Kittanning	40	-	-	-	Drift Gaseous	-	70	320	-	-	394**	
Penn Hill Coal Corp.	Indiana	Lo. Kittanning	42	-	-	-	Drift Nongaseous	-	9	34	-	-	-	
Penn Hill No. 2	Indiana	Lo. Freeport	40	-	-	-	Drift Nongaseous	-	7	35	-	-	-	
Valley Coal Co., Inc.	Indiana	Lo. Freeport	42	-	-	-	Drift Nongaseous	-	7	40	-	-	-	
Valley No. 11	Indiana						Drift Nongaseous	-	14	75	-	-	-	
Valley No. 12	Indiana						Total	-			-	-	-	
District Total										222	985	-	50	794

* Tovex

** Gelcoalite

District 16

Florence Mining Co., The	Indiana	Lo. Freeport	38	-	-	-	Drift Gaseous	-	50	135	-	-	-
Dias	Indiana	Lo. Kittanning	68	-	-	-	Drift Gaseous	-	64	258	-	1,068	-
No. 1 Mine Blacklick Portal	Indiana	Lo. Kittanning	57	325' 1,250'	16° 30'	-	Drift Gaseous	-	120	549	-	1,900	-
No. 1 Mine, Shaft Portal	Indiana	Up. Freeport	72	110' 520'	11°	-	Gaseous	-	94	300	-	1,900	-
Florence No. 2	Indiana						Total	-	328	1,242	-	4,868	-

District 19

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches:Depth	Length:Degrees	Drift:	Number and Type		Pounds of Explosives Used		
				Shaft:	Slope				Lamps Used		Flame	Ammonium Nitrate	Other Permissible Dynamite (Name)
Barnes & Tucker Co.	Cambria	Lo. Freeport	44	-	-	-	Drift	Gaseous	-	110	394	-	2,000
Lancashire No. 25	Indiana	Lo. Freeport	42	415'	-	-	Drift	Gaseous	-	122	475	-	4,350*
Greenwich Collieries	Indiana	Lo. Freeport	42	458'	-	-	Drift	Gaseous	-	130	480	-	4,350*
Greenwich No. 2							Total		-	252	955	-	8,700
Hillsdale Mining Co.	Cambria	Mid. Kittanning	36	-	-	-	Drift	Nongaseous	-	5	15	-	-
Hillsdale No. 1							District Total		-	367	1,364	-	2,000 8,700

* Tovex

District 20

Bethlehem Mines Corp. Mine No. 31	Cambria	Lo. Kittanning	42	643' 499' 36' 24'	10,500'	3.5°	-	Gaseous	-	100	417	-	3,900*
Brookdale No. 77	Cambria	Lo. Kittanning	36	-	-	-	-	Drift Gaseous Total	-	54 154	236 653	-	1,950 5,850
Vinton Coal Co. Vinton No. 3	Cambria	Lo. Kittanning	42	-	-	-	-	Drift Nongaseous	-	2	4	-	10**
								District Total	-	156	657	-	5,860

* Hercogel A (HP-299)
** Atlas

District 21

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening		Number and Type					
									Shaft	Slope	Drift	Lamps Used	Flame	Electric	Ammonium Nitrate	Dynamite
Bethlehem Mines Corp. Ehrenfeld No. 38-D	Cambria	Lo. Freeport	36-54	254'	-	-	-	Drift	Gaseous	-	55	275	-	-	3,720**	560*
Ehrenfeld No. 38-E	Cambria	Up. Freeport	30-45	-	-	-	-	Drift	Gaseous	-	30	75	-	-	2,480**	-
Solomon Run No. 73	Cambria	Up. Kittanning	45	-	-	-	-	Drift	Gaseous	-	24	116	-	-	100#	-
								Total		-	109	466	-	-	7,700	-
Harmony Mining Co. Harmony No. 1	Cambria	Lo. Freeport	40	-	-	3°	-	Drift	Nongaseous	-	25	86	-	-	-	-
Island Creek Coal Co. Bird No. 2	Somerset	Up. Kittanning	42-44	-	-	-	-	Drift	Gaseous	-	59	212	-	-	50**	200#
Bird No. 3	Cambria	Lo. Kittanning	42-50	-	520'	14°	-	-	Gaseous	-	62	258	-	-	1,067**	1,000#
								Total		-	121	470	-	-	2,317	-
Jandy Coal Co., Inc. Eureka No. 40	Cambria	Up. Kittanning	72	-	-	-	-	Drift	Gaseous	-	16	97	-	-	-	-
Longwall Mining, Inc. Longwall No. 1	Cambria	Up. Kittanning	50	-	-	-	-	Drift	Nongaseous	-	16	90	-	-	-	-
								District Total		-	287	1,209	-	-	10,017	-

* Dupont HP-299
** Tovex
Hercogel A
RD Gel

District 22

Bethlehem Mines Corp. Mine No. 78	Somerset	Up. Kittanning	60	-	-	-	Drift Gaseous	-	44	143	-	-	2,350*	-
Bloom Coal Co. Bloom No. 1	Somerset	Up. Kittanning	42	-	-	-	Drift Nongaseous	1	1	-	-	-	110**	-
Cairnbrook Coal Co., Inc. Cairnbrook No. 9	Somerset	Up. Kittanning	35	-	-	-	Drift Nongaseous	-	4	22	-	-	-	-

Operators and Mines		Kind of Opening		Number and Type		Pounds of Explosives Used						
County	Geological Name of Coal Bed	Height of Seam	Shaft: Slope	Drift:	Lamps Used	Other Permissible	Dynamite (Name)					
		Inches:Depth:Length:Degrees				Flame:Elec-:Gaseous or:Drift:Nongaseous:Open:Safety:tric	Ammonium Nitrate					
Consolidation Coal Co. Laurel Hiyoseta Fuel Co., Inc. Ralphon No. 1 Huston, L. R. Valent J & D Mining, Inc. Miller Run Lunar Mining, Inc. Solar No. 7 Potochar & Potochar Coal Co. Potochar No. 2 Reitz Coal Co. No. 21 Mine-No. Somers No. 22 Mine-St. Thomas No. 23 Mine-J. I. No. 24 Mine-Camp Hamilton	Somers	Lo. Kittanning	84	-	1,240' 16° 42'	-	40	230	-	-	760	
	Somers	Up. Freeport	42	-	-	Drift Nongaseous	-	12	50	-	-	
	Somers	Up. Kittanning	39	-	230' 30°	-	Nongaseous	-	1	1	-	20**
	Somers	Up. Kittanning	38	-	-	Drift Nongaseous	-	7	21	-	-	
	Somers	Up. Kittanning	48	-	-	Drift Nongaseous	-	16	80	-	-	
	Somers	Up. Kittanning	37-42	-	-	Drift Nongaseous	-	1	2	-	-	2,100**
	Somers	Lo. Kittanning	44	-	-	Drift Nongaseous	-	15	30	-	-	
	Somers	Up. Kittanning	38	-	-	Drift Nongaseous	-	5	12	-	-	
	Somers	Up. Kittanning	50	-	-	Drift Nongaseous	-	12	30	-	-	
	Somers	Lo. Kittanning	48	-	-	Drift Nongaseous	-	11	33	-	-	
Richland Coal Corp. Eureka No. 35 Lower Solar Fuel Co., A Gulf & Western Co. Solar No. 5 Trent Coal, Inc. Hritz	Somers	Miller "B"	42	-	-	Drift Nongaseous	-	2	4	-	-	250**
	Somers	Up. Freeport	46	-	-	Drift Nongaseous	-	5	26	-	-	-
	Somers	Up. Kittanning	36	-	-	Drift Nongaseous	-	3	7	-	-	950**
	District Total							1	179	691	-	-

* H.P. 299
** Austin

District 23

Operators and Mines	County	Geological Name of Coal Bed	Seam	Inches:Depth	Kind of Opening		Number and Type			Pounds of Explosives Used		
					Height of	Slope	Drift:	Lamps Used	: Flame	Elec- Ammonium	Other Permis- sible (Name)	
												: Shaft:

District 24

Barnes & Tucker Co. Lancashire No. 20 Bethlehem Mines Corp. Cambria Slope No. 33	Cambria	Lo. Kittanning	55	-	1,600' 14 ^o	-	Gaseous	-	96	396	-	396
	Cambria	Up. & Lo. Kittanning	42	801' 640'	3,000' 17 ^o	-	Gaseous	-	160	918	-	21,450*
				451'								
				666'								
Eastern Associated Coal Corp. Golver Stella Maris Coal Co. Stella Maris	Cambria	Lo. Kittanning	42	334'	-	-	Drift Gaseous	-	20	35	-	-
	Cambria	Lo. Kittanning	48	-	-	-	Drift Nongaseous	-	1	-	-	100**
	District Total							-	277	1,349	-	21,946

* Dupont
** Red HA

District 25

	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches	Depth	Length	Degrees	Drift	Slope	Shaft	Number and Type		Pounds of Explosives Used		
				:	:								:	:	:	:	Lamps Used
Operators and Mines	Indiana	Up. Freeport	46	620'	2,700'	16 $\frac{1}{2}$ °	-	Gaseous	-	120	460	-	-	550*	-	-	-
Helton Mining Co., The	Indiana	Up. Freeport	48	636'	2,100'	16°15'	-	Gaseous	-	133	497	-	-	3,450**	2,850#	-	-
Homer City	Indiana	Up. Freeport	66	-	338'	16°15'	-	Gaseous	-	42	160	-	-	-	1,300#	-	-
Helvetia Coal Co.	Indiana	Lo. Freeport	40	-	285'	16°	-	Gaseous	-	50	190	-	-	-	1,250#	-	-
								Total	-	225	847	-	-	3,450	5,400	-	-
North American Coal Corp., The	Indiana	Lo. Freeport	40	-	-	-	-	Drift Nongaseous	-	22	108	-	-	-	750##	-	-
Aulds Run No. 2	Indiana	Lo. Kittanning	40	-	-	-	-	Drift Nongaseous	-	1	3	-	-	-	-	-	-
Josephine No. 2								Total	-	23	111	-	-	-	750	-	-
District Total								District Total	-	368	1,418	-	-	4,000	6,150	-	-

* Amos Dolby
 ** DuPont
 # Tovex
 ## Atlas

District 26

Bethlehem Mines Corp.	Washington	Pittsburgh	68	460'	-	-	-	Gaseous	-	103	576	-	-	-	-
Marianna No. 58	Greene	Pittsburgh	72	30'	300'	7°	-	Gaseous	-	8	40	-	-	-	-
Canon Coal Co.	Greene	Pittsburgh	72	30'	150'	17°	-	Gaseous	-	8	40	-	-	-	-
Pitt Gas Mine	Greene	Pittsburgh	72	30'	150'	17°	-	Gaseous	-	8	40	-	-	-	-
Consolidation Coal Co.	Washington	Pittsburgh	62	-	-	-	-	Drift Gaseous	-	75	310	-	7,000	-	-
Westland No. 1	Washington	Pittsburgh	60	-	-	-	-	Drift Gaseous	-	24	100	-	-	-	-
Westland No. 2	Washington	Pittsburgh	60	-	-	-	-	Total	-	99	410	-	7,000	-	-
Gateway Coal Co.	Greene	Pittsburgh	70	467'	487'	556'	559'4"	487'	-	182	690	-	-	11,500*	-

District 26

County	Operators and Mines	Geological Name of Coal Bed	Height of Seam Inches	Depth Length	Degrees	Drift	Nongaseous	Open	Safety	Elec- tric	Ammonium Nitrate	Dynamite	Name	Kind of Opening		Number and Type		Pounds of Explosives Used	Other Permis- sible
														Shaft	Slope	Drift	Lamps Used		
Beaver	Peggs Run Coal Co., Inc. Peggs Run No. 2	Up. Freeport	48	-	-	-	Drift	Nongaseous	-	15	6	-	-	-	-	-	-	-	-

* Red "D" Gel

Operators and Mines		Kind of Opening			Number and Type			Pounds of Explosives Used			
		Height of Shaft	Slope	Drift	Lamps Used						
Geological Name of Coal Bed	County	Seam	Inches:Depth	Length:Degrees	Drift:Nongaseous	Open:Safety	Flame:Elec-	Ammonium Nitrate	Dynamite	Other Permissible (Name)	
AH-RS Coal Corp.	Butler	Mid. Kittanning	30	-	-	-	-	-	-	-	
		Lo. Freeport	24	-	-	-	-	198,841	1,399	-	
	Butler	Up. Freeport	40	-	-	-	-	-	20,000	150	
		Brookville	60	-	-	-	-	-	-	-	-
	Butler	Mid. Kittanning	30	-	-	-	-	1,877,560	2,630	-	
		Lo. Freeport	45	-	-	-	-	-	20,000	-	-
	Butler	Up. Freeport	40	-	-	-	-	-	30,000	1,000	-
		Lo. Freeport	40	-	-	-	-	-	50,000	10,000	-
	Butler	Lo. Freeport	38	-	-	-	-	-	40,000	4,000	-
		Lo. Freeport	36	-	-	-	-	-	45,000	9,000	-
Black-Dot Coal, Inc.	Mercer	Lo. Freeport	42	-	-	-	-	52,000	10,500	-	
		Lo. Freeport	36	-	-	-	-	-	-	-	-
	Mercer	Lo. Freeport	36	-	-	-	-	-	187,000	33,500	-
		Total									
	Mercer	Lo. Freeport	15	-	-	-	-	-	-	-	-
		Up. & Lo. Clarion	42	-	-	-	-	-	30,450	4,500	150
	Butler	Lo. Freeport	23	-	-	-	-	-	45,000	5,000	250
		Mid. Kittanning	24	-	-	-	-	-	-	-	-
	Butler	Up. & Lo. Clarion	36-52	-	-	-	-	-	231,450	8,000	500
		Mid. Kittanning	22	-	-	-	-	-	278,100	8,500	700
Butler	Lo. Freeport	24	-	-	-	-	-	-	-	-	
	Lo. Freeport	23	-	-	-	-	-	326,800	8,000	500	
Butler	Lo. Freeport	35	-	-	-	-	-	334,500	10,000	900	
	Total							1,246,300	44,000	3,000	
Bracken Construction Co.	Butler	Lo. Freeport	30	-	-	-	-	1,938,105	72,113	-	
		Strip Permit No. 1169-2,3&5									

District 30

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps Used	Other	Ammonium Nitrate	Dynamite (Name)
CSK Coal Co.	Butler	Strip Permit No. 4-136	32	-	-	-	-	-	1,300	50 1,125
		Strip Permit No. 4-171	26	-	-	-	-	-	7,500	70 580
		Auger-BAM-828	32	-	-	-	-	-	-	-
							Total		8,800	120 1,705
Duncan Coal Co.	Butler	Strip Permit No. 1232-3	38	-	-	-	-	-	4,400	3,500 -
		Strip Permit No. 1232-6	24	-	-	-	-	-	1,100	700 -
							Total		5,500	4,200 -
H & D Coal Co.	Butler & Venango	Strip Permit No. 1199-1	28	-	-	-	-	-	158,000	6,180 -
		Strip Permit No. 1199-4	28	-	-	-	-	-	-	- -
		Strip Permit No. 1199-5	32	-	-	-	-	-	-	- -
							Total		158,000	6,180 -
Hawk Contracting, Inc.	Butler	Strip Permit No. 1259-15	22	-	-	-	-	-	100,000	2,000 400
		Highwall Mining Co., Inc.	42	-	-	-	-	-	-	- -
	Butler	Strip Permit No. 1548-2	-	-	-	-	-	-	-	- -
		Johnston, Robert J.	-	-	-	-	-	-	-	- -
Kerry Coal Co.	Butler	Strip Permit No. 41-44 & 44A	32	-	-	-	-	-	114,000	1,400 -
		Strip Permit No. 41-45	32	-	-	-	-	-	73,620	600 5,280
		Strip Permit No. 41-46	32	-	-	-	-	-	214,535	1,860 17,640
							Total		402,155	3,860 22,920
Large Coal Co., Inc.	Butler	Strip Permit No. 1606-1	30	-	-	-	-	-	-	- -
		Lucas Coal Co., Inc.	-	-	-	-	-	-	-	- -
	Butler	Strip Permit No. 1680-2 & 5	18-38	-	-	-	-	-	1,600,525	18,523 -
		Strip Permit No. 1680-3	18-42	-	-	-	-	-	1,876,456	33,778 -
Malinski, Charles P.	Butler	Strip Permit No. 1680-9	24	-	-	-	-	-	-	- -
		Strip Permit No. 1680-11	18-42	-	-	-	-	-	-	- -
							Total		337,790	6,776 -
									3,814,771	59,077 -
Butler	Butler	Strip Permit No. 1795-1	36	-	-	-	-	-	152,125	- -
		Strip Permit No. 1795-3	36	-	-	-	-	-	26,400	- -
							Total		178,525	- -

District 30

Operators and Mines		County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used											
					Shaft	Slope	Drift	Lamps Used	Other	Permissible	Dynamite	(Name)										
Miller & McKnight Coal Co., Inc.		Butler	Mid. Kittanning	36	-	-	-	-	-	216,000	4,800	-										
Strip Permit No. 240-17	Nastasi Coal Co.												Butler	Mid. Kittanning	32	-	-	-	-	66,750	-	13,450#
Strip Permit No. 645-3																						
Strip Permit No. 645-4		Butler	Mid. Kittanning	32	-	-	-	-	-	66,750	-	13,450#										
Perry Brothers Coal Co.		Mercer	Brookville	36	-	-	-	-	-	-	-	-										
Strip Permit No. 72-16, 17, 19	S.B.P. Coal Co.												Butler	Up. Freeport	31	-	-	-	-	230,276	4,800	-
Strip Permit No. 147-7																						
Strip Permit No. 147-12		Butler	Up. Freeport	31	-	-	-	-	-	100,598	2,100	-										
Strip Permit No. 147-13		Butler	Up. Freeport	31	-	-	-	-	-	-	-	-										
S & C Pipeline Co.		Mercer	Brookville	24	-	-	-	-	-	-	-	-										
Strip Permit No. 1291-3 & 4	Smith, Lester E.												Butler	Up. Freeport	32	-	-	-	-	-	-	-
Strip Permit No. 1291-5																						
Strip Permit No. 1671-1		Butler	Up. Freeport	32	-	-	-	-	-	-	-	-										
Sunbeam Coal Corp.		Butler	Lo. Freeport	24	-	-	-	-	-	-	-	-										
Strip Permit No. 179-30	Tiche Limstone & Construction Co.												Butler	Lo. Freeport	30	-	-	-	-	-	373,400	6,750
Strip Permit No. 179-31 & 32																						
Strip Permit No. 179-37		Butler	Brookville	36	-	-	-	-	-	-	-	-										
West Freedom Mining Corp.		Butler	Cannel	30	-	-	-	-	-	-	-	31*										
Strip Permit No. 68-31	Strip Permit No. 68-32												Butler	Up. Freeport	36	-	-	-	-	-	-	-
Strip Permit No. 68-34																						
Strip Permit No. 68-35		Butler	Up. Freeport	30	-	-	-	-	-	141,975	10,156	-										
Strip Permit No. 68-36		Butler	Up. Freeport	36	-	-	-	-	-	213,520	23,613	-										
Western Hickory Coal Co.		Butler	Brookville	36	-	-	-	-	-	496,615	14,178	78,560**										
Strip Permit No. 152-12	Willowbrook Mining Co.												Mercer	Brookville	48	-	-	-	-	-	-	-
Strip Permit No. 130-6																						
Wright, Grant R.		Butler	Lo. Kittanning	28	-	-	-	-	-	-	-	-										
Strip Permit No. 117-3 & 7		Butler	Lo. Kittanning	28	-	-	-	-	-	-	-	-										

District 30

[illegible]

* Black Powder
** Slurry
RXL-445
RXL-465

District 31

Ambrosia Coal & Construction Co.									
Strip Permit No. 103-4	Lawrence	Mid. Kittanning	28	-	-	-	25,000	75	-
Strip Permit No. 103-5	Lawrence	Brookville	28	-	-	-	150,000	600	-
Strip Permit No. 103-13	Lawrence	Lo. Kittanning	28	-	-	-	210,000	900	-
Strip Permit No. 103-16	Lawrence	Mid. & Lo. Kitt.	28	-	-	-	-	-	-
Total							385,000	1,575	-
Brush Run, Inc.									
Strip Permit No. 1393-1	Beaver	Up. Kittanning	48	-	-	-	1,500	-	-
Carlson Mining									
Strip Permit No. 487-2(A7)	Lawrence	Mid. Kittanning	29	-	-	-	527,400	20,175	-
Auger-BAM-396	Lawrence	Mid. Kittanning	29	-	-	-	-	-	-
Total							527,400	20,175	-
Darlington Brick & Clay Products Co.									
Strip Permit No. 336-4	Beaver	Lo. & Mid. Kitt.	22-10	-	-	-	197,950	22,840	-
Davis Brothers Coal Co.									
Strip Permit No. 1607-1	Beaver	Pittsburgh #8	40	-	-	-	-	-	-
Eckentrode Coal Co.									
Strip Permit No. 1411-2	Lawrence	Up. Freeport	22	-	-	-	-	-	-
General Mines, Inc.									
Strip Permit No. 1701-1	Beaver	Up. Freeport	28	-	-	-	-	-	-
Kelly Mining Co.									
Strip Permit No. 521-2 & 2 (A2)	Beaver	Up. Freeport	42	-	-	-	49,300	1,107	-

District 31

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used				
				Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Electric
												Ammonium Nitrate
												Dynamite (Name)
Kerry Coal Co.												
Strip Permit No. 41-33	Lawrence	Mid. Kittanning	32							7,000	60	-
Strip Permit No. 41-36	Lawrence	Mid. Kittanning	32							110,000	1,620	-
Strip Permit No. 41-40	Lawrence	Mid. Kittanning	32							-	-	-
Strip Permit No. 41-42 & 42A	Beaver	Brookville	30							544,950	8,615	87,030
Strip Permit No. 41-43	Lawrence	Mid. Kitt. & Lo. Free	34							41,500	90	550
Strip Permit No. 41-47	Lawrence	Mid. Kittanning	32							135,310	1,080	12,660
Strip Permit No. 41-48	Lawrence	Mid. Kittanning	32							381,605	3,065	14,580
Strip Permit No. 41-49 & 49A	Lawrence	Mid. Kitt. & Free.	34							472,125	4,380	6,250
Auger-BAM-729	Lawrence	Mid. Kittanning	32							-	-	-
Auger-BAM-774	Beaver	Brookville	30							-	-	-
Auger-BAM-899	Lawrence	Mid. Kittanning	32							-	-	-
Total										1,712,490	18,910	121,070
Medusa Cement Co.												
Strip Permit No. 360-1	Lawrence	Lo. Kittanning	14							-	-	-
Miller & McKnight Coal Co., Inc.												
Strip Permit No. 240-18	Lawrence	Mid. Kittanning	28							28,200	740	-
Strip Permit No. 240-20	Lawrence	Mid. Kittanning	28							16,100	420	-
Total										44,300	1,160	-
Nastas, Naucy												
Strip Permit No. 1787-1	Beaver	Mid. Kittanning	32							-	-	-
Perry Brothers Coal Co.												
Strip Permit No. 72-15	Lawrence	Mid. Kittanning	20							-	-	-
Pittsburgh Refractories, Inc.												
Strip Permit No. 495-2	Lawrence	Up. & Lo. Kitt.	18-20							-	-	-
Stefkovich Brothers, Inc.												
Special Project No. 325	Beaver	Pittsburgh	60							-	-	-
Thompson Mining Co.												
Strip Permit No. 523-1	Lawrence	Lo. Kittanning	30							556,495	46,774	-
Veon, Inc., Ralph A.												
Strip Permit No. 40-9	Lawrence	Lo. & Mid. Kitt.	90							650,000	-	-
Strip Permit No. 40-16	Lawrence	Lo. & Mid. Kitt.	90							550,000	-	-
Strip Permit No. 40-17	Lawrence	Lo. & Mid. Kitt.	90							602,000	-	-
Strip Permit No. 40-19	Lawrence	Lo. & Mid. Kitt.	90							589,000	-	-
Strip Permit No. 40-20	Lawrence	Lo. & Mid. Kitt.	90							658,000	-	-
Total										3,049,000	-	-
Vetica Construction Co.												
Strip Permit No. 627-3	Beaver	Lo. Kittanning	32							276,000	20,000	-

District 32

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Depth:Length:Degrees:Drift	Kind of Opening		Number and Type		Pounds of Explosives Used	
					Shaft	Slope	Lamps Used	Other	Ammonium Nitrate	Dynamite
					Drift					
Golden Flame Fuel Co.	Washington	Redstone	30	-	-	-	-	-	-	-
Strip Permit No. 1141-8										
Harasty, William	Washington	Pittsburgh #8	52-60	-	-	-	-	-	-	-
Special Project No. 369										
Joki, R.W.	Washington	-	-	-	-	-	-	-	-	-
Special Project Nos. 147 & 375										
Kuhar, Mike	Washington	Waynesburg	48	-	-	-	-	-	-	-
Strip Permit No. 942-1										
Marick, Inc.	Washington	-	-	-	-	-	-	-	-	-
Strip Permit No. 1594-1 Refuse										
Midway Coal Co.										
Strip Permit No. 1049-2, 3, 4, 4A, 6, 6A & 7	Washington	Pittsburgh	48-60	-	-	-	-	-	3,788,570	- 346,850*
Mt. Thor Minerals, Inc.	Washington	Pittsburgh	58	-	-	-	-	-	-	-
Strip Permit No. 1753-1										
Pangersis Coal Co.	Washington	Pittsburgh #8	60	-	-	-	-	-	61,000	3,400
Strip Permit No. 1304-1										
Pennweir Construction Co.	Washington	Pittsburgh #8	54	-	-	-	-	-	413,233	111,699
Strip Permit No. 173-19									35,111	9,574
Strip Permit No. 173-21	Washington	Pittsburgh #8	54	-	-	-	-	-	141,846	38,297
Strip Permit No. 173-22									590,190	159,570
Petricca, Eugene	Washington	Pittsburgh #8	60	-	-	-	-	-	-	-
Strip Permit No. 480-1										
Piccolomini, William	Washington	Redstone	40	-	-	-	-	-	58,930	3,629
Strip Permit No. 159-22										
Simpson, Robert L.	Washington	Redstone	36	-	-	-	-	-	-	-
Special Project No. 189										
Stefkovich Brothers, Inc.	Washington	Pittsburgh	60	-	-	-	-	-	-	-
Strip Permit No. 140-2										
Twilight Industries	Washington	Waynesburg	44	-	-	-	-	-	590,999	20,875
Strip Permit No. 1-86									256,956	9,075
Strip Permit No. 1-93	Washington	Waynesburg	44	-	-	-	-	-	847,955	29,950
Westmont Coal Co., Inc.	Washington	Waynesburg	36	-	-	-	-	-	1,463,210	598,100 25,900**
Strip Permit No. 1775-1, 2&3										
District Total									9,380,674	869,949 372,750
Prestex Aquaram Power Primer										

[illegible]

A. & H. Coal Co., Inc.									
Strip Permit No. 1361-1	Greene	Waynesburg	60	-	-	-	-	249,275	11,050
Strip Permit No. 1361-2	Greene	Waynesburg	60	-	-	-	-	28,830	860
Strip Permit No. 1361-3	Greene	Waynesburg	60	-	-	-	-	-	-
Strip Permit No. 1361-4	Greene	Waynesburg	60	-	-	-	-	121,331	11,050
Strip Permit No. 1361-5	Greene	Waynesburg	60	-	-	-	-	9,750	800
Strip Permit No. 1361-6	Greene	Waynesburg	60	-	-	-	-	118,194	9,151
							Total	527,380	32,911
Balazick, Charles									
Strip Permit No. 1880-1	Greene	Waynesburg	60	-	-	-	-	18,500	850
Boyle & Land & Fuel Co.									
Strip Permit No. 966-3	Greene	Waynesburg	60	-	-	-	-	824,235	18,650
Strip Permit No. 966-4 & 6	Greene	Waynesburg	60	-	-	-	-	964,773	15,550
							Total	1,789,008	34,200
Brooks, Charles E.									
Strip Permit No. 1876-1	Greene	Pittsburgh	78	-	-	-	-	-	-

District 32B

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening			Number and Type			Pounds of Explosives Used		
									Shaft	Slope	Drift	:Flame	:Elec-	:Ammonium	:Nitrate	Dynamite	(Name)
C & J Coal Co.	Greene	Redstone	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1621-1																	
Chess Coal Co.	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	5,650	150	-
Strip Permit No. 576-3															23,800	500	-
Strip Permit No. 576-5	Greene	Sewickley	50	-	-	-	-	-	-	-	-	-	-	-	59,250	1,400	-
Strip Permit No. 576-6	Greene	Redstone & Sew.	36-50	-	-	-	-	-	-	-	-	-	-	-	88,700	2,050	-
Strip Permit No. 576-6																	
Dragan & Son	Greene	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1522-1															553,750	550	-
Strip Permit No. 1522-2	Greene	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	-	553,750	550	-
Strip Permit No. 1522-2																	
Energy Resources Corp. of America	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	388,390	5,900	-
Strip Permit No. 1242-2															1,107,190	28,680	-
Strip Permit No. 1242-3	Greene	Sewickley	50	-	-	-	-	-	-	-	-	-	-	-	1,495,580	34,580	-
Strip Permit No. 1242-3																	
Filiaggi Coal Co.	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	126,417	10,634	-
Strip Permit No. 178-13																	
Ford & Gaskill	Greene	Redstone	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 139-3															-	-	-
Strip Permit No. 139-4	Greene	Redstone & Sew.	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 139-4A	Greene	Redstone & Sew.	60	-	-	-	-	-	-	-	-	-	-	-	533,650	2,820	-
Strip Permit No. 139-5A	Greene	Sewickley	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 139-6	Greene	Redstone & Sew.	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 139-6																	
Genovese Coal Co.	Greene	Sewickely	50	-	-	-	-	-	-	-	-	-	-	-	208,000	-	-
Strip Permit No. 244-20 & 20A																	
Jordan, Benjamin F.	Greene	Redstone	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 664-4																	
Kelley Enterprises, Inc.	Greene	Sewickley	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 623-3																	
Laurita Trucking Co., Jerry	Greene	Waynesburg	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1288-3																	
Lawrence Coal Co.	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	621,342	24,571	-
Strip Permit No. 1063-1															573,213	20,165	-
Strip Permit No. 1063-2	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	378,228	20,798	-
Strip Permit No. 1063-3	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	265,382	17,924	-
Strip Permit No. 1063-4	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	1,838,165	83,458	-
Strip Permit No. 1063-4																	
Leeland Development	Greene	Sewickley	48	-	-	-	-	-	-	-	-	-	-	-	65,790	3,750	-
Strip Permit No. 1604-1																	

District 32B

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
				Shaft	Slope	Drift	Lamps	Used			
Myers Coal Co.	Greene	Waynesburg	60	-	-	-	-	-	-	-	-
Special Project No. 576											
Nardei Contracting Co., Inc.	Greene	Waynesburg	60	-	-	-	-	-	1,127,648	31,560	56,325*
Strip Permit No. 1359-4											
Omni Energy Corp.	Greene	Waynesburg	50	-	-	-	-	-	102,905	6,500	-
Strip Permit No. 1391-1											
R&S Coal Co.	Greene	Redstone	36	-	-	-	-	-	-	500	-
Strip Permit No. 1118-1											
Rondell Co., The	Greene	Waynesburg	48	-	-	-	-	-	-	-	-
Strip Permit No. 511-15											
Rumble Coal, Jim	Greene	Waynesburg	60	-	-	-	-	-	-	-	-
Strip Permit No. 1091-1											
Strip Permit No. 1091-2	Greene	Waynesburg	55	-	-	-	-	-	-	-	-
Strip Permit No. 1091-3	Greene	Sewickley	55	-	-	-	-	-	-	-	-
Special Project No. 501	Greene	Sewickley	55	-	-	-	-	-	-	-	-
Strip Permit No. 1091-5	Greene	Sewickley	55	-	-	-	-	-	-	-	-
Strip Permit No. 1091-6	Greene	Sewickley	55	-	-	-	-	-	-	-	-
Total										39,820	1,350
Sperko, Robert	Greene	Sewickley	60	-	-	-	-	-	-	1,100	63,630**
Strip Permit No. 1667-1											
Zavek, Inc.	Greene	Waynesburg	58	-	-	-	-	-	153,273	20,850	-
Strip Permit No. 1213-2											
District Total										8,668,586	267,663 119,955

* B-Mix
** Hercomix

District 33

Ann Mineral Co.	Fayette	Up. Freeport	30	-	-	-	-	-	-	-	-
Strip Permit No. 1404-4											
Baker Coal Co.	Fayette	Redstone	28	-	-	-	-	-	-	-	-
Strip Permit No. 1645-1											

District 33

[illegible]

District 33[illegible]

District 33

Operators and Mines	County	Geological Name	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		
				Shaft :	Slope :	Drift :	Lamps Used :	Flame :	Elec- :	Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Menallen Coke Co.	Fayette	Redstone &	33	-	-	-	-	-	-	100,000	2,200	-
Strip Permit No. 281-7	Fayette	Sewickley	60	-	-	-	-	-	-	100,000	2,200	-
Strip Permit No. 281-8	Fayette	Redstone	33	-	-	-	-	-	-	100,000	2,200	-
Total												
Minor, Walter Jr.	Fayette	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Special Project No. 97	Fayette	Redstone	26	-	-	-	-	-	-	19,000	900	-
Oak Run Coal, Inc.	Fayette	Redstone	32	-	-	-	-	-	-	-	-	-
Strip Permit No. 838-8	Fayette	Redstone	30-60	-	-	-	-	-	-	-	-	-
Oberlechner, Steve	Fayette	Lo. Freeport &	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 1209-2	Fayette	Up. Kittanning	40	-	-	-	-	-	-	-	-	-
Parnell, James	Fayette	Miller B	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 1587-3	Fayette	Miller B	40	-	-	-	-	-	-	-	-	-
Purco Coal, Inc.	Fayette	Miller B	42	-	-	-	-	-	-	55,881	4,346	-
Strip Permit No. 413-8(C)	Fayette	Miller B	48	-	-	-	-	-	-	157,914	13,208	-
Strip Permit No. 413-9	Fayette	Brookville	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-11	Fayette	Miller B	39	-	-	-	-	-	-	11,650	3,200	-
Strip Permit No. 413-12	Fayette	Lo. Kittanning	40	-	-	-	-	-	-	40,504	3,150	-
Strip Permit No. 413-13	Fayette	Miller B	39	-	-	-	-	-	-	25,596	1,990	-
Strip Permit No. 413-14(C)	Fayette	Miller B	40	-	-	-	-	-	-	5,000	2,200	-
Strip Permit No. 413-15	Fayette	Lo. Kittanning	39	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-16	Fayette	Brookville	39	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-17	Fayette	Miller B	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 413-18	Fayette	Miller B	36	-	-	-	-	-	-	-	-	-
Auger-BAM-815	Fayette	Up. Kittanning	18-24	-	-	-	-	-	-	-	-	-
Auger-BAM-824	Fayette	Pittsburgh	72-84	-	-	-	-	-	-	-	-	-
R & R Contracting	Fayette	Pittsburgh	72-84	-	-	-	-	-	-	-	-	-
Strip Permit No. 1239-2	Fayette	Sewickley	60	-	-	-	-	-	-	-	-	-
Robbie Coal & Fuel, Inc.	Fayette	Sewickley	36	-	-	-	-	-	-	-	-	-
Special Project No. 491	Fayette	Redstone	84	-	-	-	-	-	-	3,000	200	-
Special Project No. 578	Fayette	Pittsburgh		-	-	-	-	-	-	-	-	-
Rondell Co., The	Fayette	Pittsburgh		-	-	-	-	-	-	-	-	-
Special Project No. 482	Fayette	Pittsburgh		-	-	-	-	-	-	-	-	-
Rose Coal Co., John C.	Fayette	Pittsburgh		-	-	-	-	-	-	-	-	-
Strip Permit No. 1066-1	Fayette	Pittsburgh		-	-	-	-	-	-	-	-	-

District 33

Operators and Mines of Coal Bed	County	Kind of Opening			Number and Type			Pounds of Explosives Used		
		Height: of Shaft	Slope	Drift	Lamps Used	: Flame	: Elec- : Safety	: Nitrate	Ammonium Dynamite	Other Permis- sible (Name)
		Inches	Depth	Length	Degrees	Drift	Nongaseous	Open		
Ruane Coal & Coke Co. Strip Permit No. 78-4	Fayette	32	-	-	-	-	-	-	23,600	1,400
Snyder, Curtis Strip Permit No. 1585-2	Fayette	42	-	-	-	-	-	-	-	-
Solomon & Teslovich Strip Permit No. 628-9(A)	Fayette	24	-	-	-	-	-	-	200,175	3,300
Strip Permit No. 628-12 & 12(A)	Fayette	66	-	-	-	-	-	-	28,670	900
							Total		228,845	4,200
Tedesco, William K. Strip Permit No. 329-21	Fayette	40	-	-	-	-	-	-	-	-
West Penn Coal & Construction Co. Strip Permit No. 581-13&14	Fayette	42	-	-	-	-	-	-	-	-
Strip Permit No. 581-15	Fayette	40	-	-	-	-	-	-	296,640	8,802
Strip Permit No. 628-13	Fayette	40	-	-	-	-	-	-	-	-
Special Project No. 527	Fayette	60	-	-	-	-	-	-	-	-
							District Total		14,294,626	725,968
									118,100	

* B-Mix
** Prestex

District 33A

Bartoni, John Special Project No. 480	Fayette	72	-	-	-	-	-	-	-	-
Bartoni, Rocco Strip Permit No. 1427-1	Fayette	72	-	-	-	-	-	-	-	-
Strip Permit No. 1427-2	Fayette	32	-	-	-	-	-	-	-	-
Bartoni Coal Co. Strip Permit No. 410-8(A2), 9(C)	Fayette	72	-	-	-	-	-	-	-	-
Bortz Coal Co. Strip Permit No. 456-10	Fayette	36	-	-	-	-	-	-	15,000	-
Strip Permit No. 456-12	Fayette	36	-	-	-	-	-	-	-	-
							Total		15,000	-
Brooks, Howard G. Strip Permit No. 1163-1	Fayette	40	-	-	-	-	-	-	-	-
Carbonara Coal Co. Strip Permit No. 550-10	Fayette	48	-	-	-	-	-	-	-	-
Special Project No. 500	Fayette	96	-	-	-	-	-	-	-	-

District 33A

Operators and Mines	County	Geological Name of Coal Bed	Kind of Opening			Number and Type			Pounds of Explosives Used		
			Height of Shaft:	Slope	Drift:	Lamps Used	:Flame:Elec-:Open:Safety:tritic	Ammonium Nitrate	Dynamite	(Name)	
											Inches:Depth:Length:Degrees:Drift:Nongaseous:
Chess Coal Co. Strip Permit No. 576-4 Cicoconi, Attilio Strip Permit No. 1696-1 Columbia Coal Co. Strip Permit No. 1626-1 Coal Processing Equipment, Inc. Strip Permit No. 1386-1 Eberhart Coal Co., Ray Jr. Strip Permit No. 1398-1 Gagliani, Fred Strip Permit No. 1633-1 Strip Permit No. 1633-2 Genovese Coal Co. Strip Permit No. 244-18 Strip Permit No. 244-21 Strip Permit No. 244-25 Strip Permit No. 244-29	Fayette	Redstone	30	-	-	-	-	-	79,850	-	-
	Fayette	Pittsburgh	84	-	-	-	-	-	39,050	1,500	-
	Fayette	Pittsburgh	108	-	-	-	-	-	385,296	13,000	-
	Fayette	Pittsburgh	-	-	-	-	-	-	-	-	-
	Fayette	Redstone	26	-	-	-	-	-	-	-	-
	Fayette	Waynesburg Washington	60 48	-	-	-	-	-	-	-	-
	Fayette	Waynesburg Redstone	50 36	-	-	-	-	-	78,000	-	-
	Fayette	Pittsburgh Redstone	60 36	-	-	-	-	-	44,000 122,000	-	-
	Fayette	Redstone	30	-	-	-	-	-	-	-	-
	Fayette	Pittsburgh Pittsburgh Pittsburgh	60 60 60	-	-	-	-	-	34,710 - 34,710	2,870 - 2,870	-
J & B Coal Co. Strip Permit No. 1688-2 Kendi & Sons, Inc., Paul W. Strip Permit No. 570-8 Krulock, Steve Strip Permit No. 345-2 Laurita Trucking Co., Jerry Strip Permit No. 1288-1 Strip Permit No. 1288-3	Fayette	Redstone	36	-	-	-	-	-	-	-	-
	Fayette	Bakerstown	26	-	-	-	-	-	-	-	-
	Fayette	Redstone	30-40	-	-	-	-	-	-	-	-
	Fayette	Pittsburgh Pittsburgh	72 72	-	-	-	-	-	4,000 -	100 -	-
	Fayette	Washington	32	-	-	-	-	-	-	-	-

District 33A

Operators and Mines of Coal Bed	County	Kind of Opening			Number and Type			Pounds of Explosives Used		
		Shaft	Slope	Drift	Lamps	Used				
		Height of								Other
Geological Name		Seam								Permissible
Inches:Depth		Length	Degrees	Drift	Nongaseous	Open	Safety	Electric	Nitrate	Dynamite (Name)
<u>Lucerne Coal Co.</u>										
Strip Permit No. 750-6, 8, 12, 15, 19, 20, 21, 22, 23, 24, 27, 30, 31, 32, 33 & 34	Fayette	Waynesburg	-	-	-	-	-	-	5,692,540	458,398 16,560*
Marsolino Coal & Coke, Inc.										
Strip Permit No. 71-26	Fayette	Waynesburg	-	-	-	-	-	-	35,735	2,325 -
Medved Mining Co.										
Strip Permit No. 1709-1, 2, 3, 4	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
Pontorero & Sons Coal Co.										
Strip Permit No. 237-10	Fayette	Redstone	-	-	-	-	-	-	8,000	300 -
Strip Permit No. 237-12	Fayette	Redstone	-	-	-	-	-	-	70,000	1,000 -
									78,000	1,300 -
									Total	
<u>Puskas, John</u>										
Strip Permit No. 424-1	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
Richter Trucking Co.										
Strip Permit No. 1463-1	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
Strip Permit No. 1463-2	Fayette	Redstone	-	-	-	-	-	-	-	- -
Rondell Co., The										
Strip Permit No. 511-14	Fayette	Redstone	-	-	-	-	-	-	-	- -
Rostovsky Coal Co., Joseph										
Strip Permit No. 334-8	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
Ruane Arnold Coal Co.										
Strip Permit No. 589-1(A2)	Fayette	Redstone	-	-	-	-	-	-	4,450	187 -
Strip Permit No. 589-1(A3)	Fayette	Redstone	-	-	-	-	-	-	4,450	188 -
Strip Permit No. 589-2(A5)	Fayette	Redstone	-	-	-	-	-	-	-	- -
Strip Permit No. 589-2(A6)	Fayette	Redstone	-	-	-	-	-	-	13,960	250 -
Strip Permit No. 589-3(A2)	Fayette	Redstone	-	-	-	-	-	-	6,500	200 -
Strip Permit No. 589-3(A3)	Fayette	Redstone	-	-	-	-	-	-	12,720	550 -
Strip Permit No. 589-4	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
Strip Permit No. 589-4(A)	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
									Total	
									42,080	1,375 -
<u>Rush Coal Co., Inc.</u>										
Strip Permit No. 1891-1	Fayette	Redstone	-	-	-	-	-	-	-	- -
Special Project No. 266	Fayette	Pittsburgh	-	-	-	-	-	-	-	- -
S.D.S. Construction Co., Inc.										
Strip Permit No. 1530-2(A)	Fayette	Sewickley	-	-	-	-	-	-	-	- -
Strip Permit No. 1530-3	Fayette	Redstone	-	-	-	-	-	-	-	- -
Strip Permit No. 1530-5	Fayette	Sewickley	-	-	-	-	-	-	-	- -

District 33A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps :	Open :	Other :	Ammonium Nitrate :	Dynamite :	Permissible :
Sager Coal Co. Strip Permit No. 1150-1	Fayette	Waynesburg	48	-	-	-	-	-	-	174,210	4,425	-
Snyder, Curtis Strip Permit No. 1585-1	Fayette	Little Pittsburgh	30	-	-	-	-	-	-	-	-	-
Soberdash Coal & Coke Co. Strip Permit No. 111-52	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 111-53 & 53(A)	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 111-56	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 1855-5	Fayette	Bakerstown	18	-	-	-	-	-	-	-	-	-
Solomon & Teslovich Strip Permit No. 628-17	Fayette	Sewickley	30	-	-	-	-	-	-	59,885	2,900	-
Sperko, Joseph Strip Permit No. 1794-1	Fayette	Redstone	20	-	-	-	-	-	-	-	-	-
Swanglish Coal Co. Strip Permit No. 1293-1	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Villa Coal Co. Strip Permit No. 1549-1	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Voithofer, Edward V. Jr. Strip Permit No. 1693-1	Fayette	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Wingrove Mining, Inc. Strip Permit No. 1716-1 & 2	Fayette	Redstone	18	-	-	-	-	-	-	-	-	-
District Total										6,762,356	488,193	16,560

*Slurry

District 34

Aloe Coal Co. Strip Permit No. 35-2, 2(A), 8, 9, 11, 12, 12(A), 13, 14, & 15	Allegheny	Pittsburgh	48-60	-	-	-	-	-	-	2,051,648	-	87,200*
Amore Companies, Inc. Special Project No. 530	Allegheny	Redstone	40	-	-	-	-	-	-	-	-	-
Ansell, Earl Strip Permit No. 288-1	Westmoreland	Redstone	50	-	-	-	-	-	-	3,000	200	-

District 34

Operators and Mines	County	Name of Coal Bed	Geological Name	Seam	Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
							Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite		
Apex Co., Inc.																
Strip Permit No. 497-3 (A2) & 3 (A3)	Allegheny	Redstone		40	-	-	-	-	-	-	-	-	**	-	-	-
Strip Permit No. 497-4	Allegheny	Pittsburgh		60												
B & G Coal Co., Inc.																
Strip Permit No. 1455-1	Allegheny	Pittsburgh #8		60	-	-	-	-	-	-	-	-	-	-	-	-
Big Break Mining Co.																
Strip Permit No. 887-2	Allegheny	Pittsburgh		60	-	-	-	-	-	-	-	-	150,000	600		-
Bituminous Processing Co., Inc.																
Strip Permit No. 994-1 Refuse	Westmoreland	Pittsburgh		-	-	-	-	-	-	-	-	-	-	-	-	-
Bologna Mining Co.																
Special Project No. 600	Allegheny	Pittsburgh #8		-	-	-	-	-	-	-	-	-	-	-	-	-
Brown Coal Co., Inc.-C.W.																
Strip Permit No. 273-5	Westmoreland	Waynesburg		48	-	-	-	-	-	-	-	-	94,550	12,600		-
Central States Coal Co., Inc.																
Special Project No. 303	Allegheny	Pittsburgh		36	-	-	-	-	-	-	-	-	-	-	-	-
D. C. Industries, Inc.																
Strip Permit No. 1735-1	Westmoreland	Pittsburgh		84	-	-	-	-	-	-	-	-	-	-	-	-
Daset Mining Corp.																
Strip Permit No. 1551-5	Allegheny	Pittsburgh		72	-	-	-	-	-	-	-	-	-	-	-	-
Deep Valley Coal Co., Inc.																
Strip Permit No. 1129-1	Allegheny	Pittsburgh		60												
Strip Permit No. 1129-4	Allegheny	Pittsburgh		60	-	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 511	Allegheny	Pittsburgh		60												
Dependable Coal & Construction Co.																
Strip Permit No. 1609-1	Allegheny	Pittsburgh #8		60	-	-	-	-	-	-	-	-	-	-	-	-
Diamond Fuel Co.																
Strip Permit No. 555-1	Allegheny	Pittsburgh		60	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 555-2	Allegheny	Redstone		30												
Duquesne Slag Products Co.																
Special Project No. 373	Allegheny	Pittsburgh		72	-	-	-	-	-	-	-	-	-	-	-	-
E & J Contracting Co.																
Strip Permit No. 1202-4 (A)	Westmoreland	Waynesburg		48	-	-	-	-	-	-	-	-	-	-	-	-
Eidemiller, Inc., Adam																
Strip Permit No. 578-2	Westmoreland	Pittsburgh		60									-	-	-	-
Strip Permit No. 578-32	Westmoreland	Redstone		54									-	-	-	-
Strip Permit No. 578-33	Westmoreland	Redstone		42	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 578-35	Westmoreland	Redstone		30									-	-	-	-

District 34

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft :	Slope :	Drift :	Lamps Used :	Flame :	Electric :	Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Eidemiller, Inc, Adam Strip Permit No. 578-36	Westmoreland	Sewickley	30	-	-	-	-	-	-	346,520	2,111	62,500*
										346,520	2,111	62,500
Fello, Thomas A. Strip Permit No. 572-10	Westmoreland	Redstone	32	-	-	-	-	-	-	-	-	-
Felton Enterprises, Inc. Special Project No. 623	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Fleck Coal Co. Special Project No. 508	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Gary-John Associates Strip Permit No. 1528-1	Westmoreland	Pgh.-Redstone	60-48	-	-	-	-	-	-	-	-	-
Golden Flame Fuel Co. Strip Permit No. 1141-2	Westmoreland	Sewickley	48	-	-	-	-	-	-	5,000	-	-
Strip Permit No. 1141-4	Westmoreland	Redstone	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1141-4	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-
Corr, Richard Strip Permit No. 959-1(A2)	Westmoreland	Redstone	42	-	-	-	-	-	-	-	-	-
Green, Inc., Walter Strip Permit No. 250-10	Westmoreland	Waynesburg	66	-	-	-	-	-	-	-	-	-
Strip Permit No. 250-11	Westmoreland	Mid. Kittanning	25	-	-	-	-	-	-	-	-	-
Holliday Constructors Strip Permit No. 1216-4(A2&A3)	Westmoreland	Gallitzin-Rider	18	-	-	-	-	-	-	-	-	-
Strip Permit No. 1216-5	Westmoreland	Up. & Lo. Freeport	54	-	-	-	-	-	-	89,283	985	-
Strip Permit No. 1216-5	Westmoreland	Redstone	48	-	-	-	-	-	-	16,680	1,222	-
										105,963	2,207	-
Johnston The Florist Special Project No. 218	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Kendi & Sons, Inc., Paul W. Strip Permit No. 570-5	Westmoreland	Waynesburg	60	-	-	-	-	-	-	20,000	5,000	-
Strip Permit No. 570-6	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-
Strip Permit No. 570-7	Westmoreland	Mahoning	36	-	-	-	-	-	-	30,000	8,000	-
										50,000	13,000	-
L & A Coal Co., Inc. Strip Permit No. 1909-1	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Maceral Corp. Strip Permit No. 1850-1	Allegheny	Pittsburgh #8	66	-	-	-	-	-	-	-	-	-
Manges, Lloyd Strip Permit No. 1874-2	Westmoreland	Redstone	36	-	-	-	-	-	-	-	-	-
McGal Coal Co., Inc. Strip Permit No. 1847-1	Allegheny	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Strip Permit No. 1847-2&3	Allegheny	Redstone	42	-	-	-	-	-	-	-	-	-

District 34

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other Permissible
Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	tric				(Name)
McGill, John C.	Westmoreland	Pittsburgh	108	-	-	-	-	-	-	-	-	-
Special Project No. 533	Westmoreland	Redstone	42	-	-	-	-	-	-	67,000	1,000	-
Mikel, Edward	Westmoreland	Redstone	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 631-7	Westmoreland	Redstone	60	-	-	-	-	-	-	-	-	-
Miller, Nelson L., Jr.	Westmoreland	Pittsburgh	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 1379-1	Westmoreland	Redstone	72	-	-	-	-	-	-	-	-	-
Morcoal Co.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Strip Permit No. 1189-1	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-
Special Project No. 506	Westmoreland	Pittsburgh	36	-	-	-	-	-	-	-	-	-
O'Brien & Son, Inc., Wm. H.	Westmoreland	Redstone	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 1674-1	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Overly, L. W.	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 260-12	Westmoreland	Pittsburgh	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 260-15	Westmoreland	Redstone	40	-	-	-	-	-	-	-	-	-
Overly Coal Co., Walter	Westmoreland	Pittsburgh	44	-	-	-	-	-	-	-	-	-
Strip Permit No. 1865-1	Westmoreland	Redstone	72	-	-	-	-	-	-	-	-	-
P N B P Coal	Westmoreland	Sewickley	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 1345-1	Westmoreland	Redstone	44	-	-	-	-	-	-	8,800	44	-
Strip Permit No. 1345-2	Westmoreland	Redstone								8,800	44	-
Penn Aggregates	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 876-1(A)	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Penn Lear Development Corp.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Special Project No. 570	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-
Petricca, Eugene	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-
Special Project No. 471	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-
R.A.S. Excavating Co.	Allegheny	Pittsburgh #8	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 1731-1&2	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
R.J.R. Coal & Construction Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 1501-2	Westmoreland	Pittsburgh	30	-	-	-	-	-	-	93,480	2,600	-
Special Project No. 552	Westmoreland	Up-Freeport	36	-	-	-	-	-	-	-	-	-
Robinson, Alice K.	Westmoreland	Up-Freeport	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 1258-1(A2)&2	Westmoreland	Up-Freeport	36	-	-	-	-	-	-	92,554	11,814	-
Rondell Co., The	Westmoreland	Up-Freeport	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 511-12	Allegheny	Pittsburgh #8	36	-	-	-	-	-	-	178,566	-	-
Rosini's, Inc.	Westmoreland	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 568-6	Westmoreland	Redstone	36	-	-	-	-	-	-	16,000	1,800	-
Slate Construction Co., Inc.	Westmoreland	Redstone	36	-	-	-	-	-	-	14,670	1,570	-
Strip Permit No. 1818-2	Westmoreland	Redstone										

District 34

Operators and Mines	County	Name of Coal Bed	Geological Name	Height of Shaft:	Kind of Opening			Inches:Depth:	Feet:Length:	Degrees:Drift:	:Gaseous or:Nongaseous:	:Open:	Number and Type			Pounds of Explosives Used	Permissible	Dynamite (Name)
					:Shaft:	:Slope:	:Drift:						:Lamps Used:	:Flame:	:Elec-:Safety:			
Solomon & Teslovich																		
Strip Permit No. 628-14	Westmoreland	Redstone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-15	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-16	Westmoreland	Up.Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-18	Allegheny	Redstone	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 628-21	Westmoreland	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sosko, Eugene	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 571	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spec Coal	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spotlight Coal Co., Inc.	Westmoreland	Redstone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 378	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stanley Construction Co.	Allegheny	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 463	Allegheny	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
286 Coal Co., Inc.	Westmoreland	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1371-1	Allegheny	Up.Freeport	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1371-3	Westmoreland	Up.Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1371-4	Westmoreland	Up.Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U.S. Utilities Services Corp.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1132-1	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vargo Coal Co., Inc.	Westmoreland	Pittsburgh	80	-	-	-	-	-	-	-	-	-	-	-	-	377,450	8,680	-
Strip Permit No. 1121-1,2&2(A)	Westmoreland	Pittsburgh	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weaver, Joseph F.	Westmoreland	Up.Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 958-5	Westmoreland	Up.Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weinman Brothers	Westmoreland	Pittsburgh	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1224-4(A)	Allegheny	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wolf Run Road Coal Co.	Westmoreland	Waynesburg	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1774-1	Westmoreland	Redstone	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yough Fuel & Energy Co.	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1698-1	Westmoreland	Redstone	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1698-2	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special Project No. 466	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total																3,655,201	58,226	149,700

* Prestex Aquaram Power Primer
 ** Blasting done by contractor

District 34A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening		Depth : Degrees	Drift :	Number and Type			Pounds of Explosives Used		
				Shaft :	Slope :			Lamps Used :	Gaseous or : Nitrate	Elec-: Ammonium	Open: Safety	Dynamite	Other Permissible (Name)
Ankeny, Donald	Westmoreland	Pittsburgh	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 287-11													
Avonmore Enterprises	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1558-1													
Special Project No. 536	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Barrier, William V., Jr.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1901-1													
Bender Coal Co., E.P.	Westmoreland	Pittsburgh	78	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 593-18													
Ben Franklin Coal Co.	Westmoreland	Up.Freeport	42	-	-	-	-	-	-	-	-	-	-
Special Project No. 553													
Bentley Coal Co., Inc.	Westmoreland	Lo.Freeport	32	-	-	-	-	-	-	35,000	-	4,600	-
Strip Permit No. 938-11										80,000	-	10,400	-
Strip Permit No. 938-11(A)	Westmoreland	Lo.Freeport	32	-	-	-	-	-	-	25,000	-	2,200	-
Strip Permit No. 938-14	Westmoreland	U.Kitt.&L.Freeport	36	-	-	-	-	-	-	205,700	-	42,000	-
Strip Permit No. 938-12	Westmoreland	U.Kitt.&L.Freeport	36	-	-	-	-	-	-	200,000	-	38,000	-
Strip Permit No. 938-13								Total		545,700	97,200		
Brown Coal Co., Inc., C.W.	Westmoreland	Up.Freeport	33	-	-	-	-	-	-	435,260	-	141,740	-
Strip Permit No. 273-4(A-1,2,3)													
C.F.S.C., Inc.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	145,695	-	2,400	-
Strip Permit No. 1886-1													
Cratty, Gower & Hyde, Inc.	Westmoreland	Pittsburgh	82	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1519-1													
Darmac Coal, Inc.	Westmoreland	Up.Freeport	70	-	-	-	-	-	-	367,359	-	17,390	-
Strip Permit No. 1600-6													
Don's Excavating	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Special Project No. 435													
Dunn, Alfred	Westmoreland	Freeport	72	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 491-1													
E & J Contracting Co.	Westmoreland	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1202-3													
Strip Permit No. 1202-10	Westmoreland	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-
Special Project No. 449	Westmoreland	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-

District 34A

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft :	Kind of Opening :		Inches:Depth:	Length:	Degrees:Drift:	Number and Type :				Pounds of Explosives Used :		
				Slope :	Drift:				Lamps Used :	: Flame :	: Elec- :	: Open:	Ammonium Nitrate	Dynamite	Other Permissible (Name)
Negley Coal Co. Strip Permit No. 1467-3 North Cambria Fuel Co. Strip Permit No. 10-38 Strip Permit No. 10-45 Strip Permit No. 10-48 Special Project No. 551	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Bakerstown	38	-	-	-	-	-	-	-	-	-	482,443	1,506	-
	Westmoreland	Bakerstown	38	-	-	-	-	-	-	-	-	-	22,400	622	-
	Westmoreland	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
Total													504,843	2,128	-
Old Home Manor, Inc. Strip Permit No. 615-7 & 13 Strip Permit No. 615-17 Strip Permit No. 615-21, 24 & 34 Strip Permit No. 615-35 Strip Permit No. 615-42 & 44	Westmoreland	Pittsburgh	80	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Pgh. & Redstone	80-50	-	-	-	-	-	-	-	-	-	250,140	-	-
	Westmoreland	Pittsburgh	80	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Pgh. & Redstone	80-50	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Pittsburgh	80	-	-	-	-	-	-	-	-	-	250,140	-	-
Total													-	-	-
Patrick, Richard Strip Permit No. 1699-2 Paulisick, Robert M. Strip Permit No. 1446-1 Piccolomini, William Strip Permit No. 159-18 Strip Permit No. 159-19 Strip Permit No. 159-20	Westmoreland	Up. Kittanning	54	-	-	-	-	-	-	-	-	-	24,485	1,200	-
	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Redstone	24-35	-	-	-	-	-	-	-	-	-	28,875	463	-
	Westmoreland	Redstone	24-35	-	-	-	-	-	-	-	-	-	63,525	1,017	-
	Westmoreland	Redstone	24-35	-	-	-	-	-	-	-	-	-	23,100	370	-
Total													115,500	1,850	-
Polar Coal Co. Strip Permit No. 597-5 & 6 Auger - BAM-814 & 821	Westmoreland	Bakerstown	48	-	-	-	-	-	-	-	-	-	32,300	883	-
	Westmoreland	Bakerstown	48	-	-	-	-	-	-	-	-	-	-	-	-
Total													32,300	883	-
R. J. R. Coal & Construction Co. Strip Permit No. 1888-1 Ramaley Equipment & Supply Co. Special Project No. 371 Rondell Co., The Strip Permit No. 511-13 Shearer Development Corp. Strip Permit No. 1650-1 Simpson, Marshall J. Strip Permit No. 1831-1	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-
	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-	-

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Kind of Opening			Number and Type		Pounds of Explosives Used		
						Shaft	Slope	Drift	Lamps Used	Other	Permissible	Dynamite (Name)	
Carpentertown Coal & Coke Co.													
Strip Permit No. 184-6	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 184-14	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	179,325	-	-
Strip Permit No. 184-15	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	90,407	-	-
Auger - BAM-894 & 895	Armstrong	Up. Freeport	34	-	-	-	-	-	-	-	-	-	-
Total										-	269,732	-	-
Cochran & Keller Coal Co., Inc.													
Strip Permit No. 1525-1	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	125,050	4,910	-
Darmac Coal, Inc.													
Strip Permit No. 1600-3 & 5	Armstrong	Up. Freeport	38	-	-	-	-	-	-	-	1,234,065	33,050	-
Auger - BAM-853	Armstrong	Up. Freeport	38	-	-	-	-	-	-	-	-	-	-
Total										-	1,234,065	33,050	-
Daset Mining Corp.													
Strip Permit No. 1551-6	Armstrong	Mid. Kittanning	42	-	-	-	-	-	-	-	55,000	1,500	-
Strip Permit No. 1551-7	Armstrong	Mid. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1551-7A	Armstrong	Mid. Kittanning	42	-	-	-	-	-	-	-	15,000	500	-
Total										-	70,000	2,000	-
Daybrook Coal Co.													
Strip Permit No. 1625-1	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Doverspike, Gary C.													
Strip Permit No. 1369-2	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-3	Armstrong	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-4	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-6	Armstrong	Up. Freeport	54	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-7	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-8	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1369-9	Armstrong	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-
Eagle Mountain Coal Co.													
Strip Permit No. 1425-1	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1425-2	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	25,800	516	-
Total										-	25,800	516	-
Erdley Brothers Construction Co.													
Strip Permit No. 1390-2	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Glen Irvan Corp.													
Strip Permit No. 671-13	Armstrong	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
Auger - BAM-742	Armstrong	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
H & R Coal Co.													
Strip Permit No. 995-4	Armstrong	L. Free. & M. Kitt.	25	-	-	-	-	-	-	-	380,643	8,800	-
Strip Permit No. 995-7	Armstrong	U. Kitt. & L. Free.	26	-	-	-	-	-	-	-	392,406	11,610	-
Total										-	773,049	20,410	-

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps :	Used :		Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Harman, Paul Co.	Armstrong	Strip Permit No. 1736-1	22	-	-	-	-	-	-	67,104	2,424	-
Harmon Coal Co.	Armstrong	Strip Permit No. 514-6	18-30	-	-	-	-	-	-	50,000	350	-
Strip Permit No. 514-13, 15, 19	Armstrong	Up. Freeport	44	-	-	-	-	-	-	101,750	950	-
Strip Permit No. 514-20, 21	Armstrong	Up. Freeport	44	-	-	-	-	-	-	311,100	2,300	-
								Total		462,850	3,600	-
Houser, Earl O.	Armstrong	Strip Permit No. 163-2	14	-	-	-	-	-	-	-	-	-
Strip Permit No. 163-3	Armstrong	Up. Kittanning	14	-	-	-	-	-	-	-	-	-
Houser Coal Co., Inc., Walter L.	Armstrong	Strip Permit No. 564-11	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 564-12	Armstrong	Up. Freeport	36	-	-	-	-	-	-	110,200	2,050	-
Strip Permit No. 564-17	Armstrong	U. Free & L. Kitt.	36	-	-	-	-	-	-	79,075	2,550	-
Strip Permit No. 564-18	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-	-	-
Strip Permit No. 564-21 & 23	Armstrong	Up. Freeport	28	-	-	-	-	-	-	-	-	-
								Total		189,275	4,600	-
Jacobs Contracting Corp.	Armstrong	Strip Permit No. 1274-3	30	-	-	-	-	-	-	50,000	1,000	-
Strip Permit No. 1274-3(A)2(A)3	Armstrong	Up. Kittanning	48	-	-	-	-	-	-	600,000	20,000	-
								Total		650,000	21,000	-
Kent Coal Mining Co.	Armstrong	Strip Permit No. 482-12 Refuse	-	-	-	-	-	-	-	-	-	-
Keystone Portland Cement Co.	Armstrong	Strip Permit No. 712-3	30	-	-	-	-	-	-	1,193,955	125,350	2,450**
L & E Construction & Equipment Co., Inc.	Armstrong	Mid. & L. Kitt.	45	-	-	-	-	-	-	-	-	-
Strip Permit No. 26-11	Armstrong	Up. Freeport	45	-	-	-	-	-	-	-	-	-
Strip Permit No. 26-12	Armstrong	Up. Freeport	45	-	-	-	-	-	-	16,000	-	-
Strip Permit No. 26-14	Armstrong	Up. Freeport	45	-	-	-	-	-	-	16,000	-	-
								Total		-	-	-
M & C Coal Co.	Armstrong	Up. Freeport	32	-	-	-	-	-	-	2,800	2,050	-
Strip Permit No. 1390-2	Armstrong	Lo. Freeport	28	-	-	-	-	-	-	-	-	-
M & M Mining, Inc.	Armstrong	Strip Permit No. 1207-6	29-32-30	-	-	-	-	-	-	39,375	1,300	-
Markle-Bullers Coal Co.	Armstrong	L. M. & L. Kitt.	29	-	-	-	-	-	-	-	-	-
Strip Permit No. 504-27	Armstrong	Lo. Kittanning		-	-	-	-	-	-	-	-	-
Strip Permit No. 504-40	Armstrong			-	-	-	-	-	-	-	-	-

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps Used	Gas	Flame	Ammonium Nitrate	Dynamite	Other Permissible
Inches	Depth	Length	Degrees	Drift	Open	Safety	Electric					(Name)
Markle-Bullers Coal Co. (Continued)												
Strip Permit No. 504-44	Armstrong	Lo. Kittanning	38	-	-	-	-	-	-	39,375	1,300	-
Total												
Martin Coal Co., James E.	Armstrong	Mid. Kittanning	30	-	-	-	-	-	-	504,735	12,950	-
Strip Permit No. 419-4, 6, 11, 12	Armstrong	Mid. & Lo. Kitt.	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 419-7	Armstrong	Mid. Kittanning	30	-	-	-	-	-	-	504,735	12,950	-
Auger-BAN-748 & 767												
Mauersberg Coal Co.												
Strip Permit No. 344-25	Armstrong	Up. Freeport	40	-	-	-	-	-	-	186,370	7,896	-
McKay Coal Co.												
Strip Permit No. 1826-1	Armstrong	Lo. Kittanning	28	-	-	-	-	-	-	30,000	-	-
Oak Tree Coal Co.												
Strip Permit No. 1695-5, 8	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	500,000	-
P & N Coal Co., Inc.												
Strip Permit No. 32-90	Armstrong	Up. Freeport	45	-	-	-	-	-	-	125,670	578	-
R.E.M. Coal Co., Inc.												
Strip Permit No. 932-14	Armstrong	Lo. Freeport	32	-	-	-	-	-	-	6,500	-	-
Strip Permit No. 932-24	Armstrong	Up. Freeport	40	-	-	-	-	-	-	6,000	-	-
Total												
Ratay Coal Co.												
Strip Permit No. 1679-1	Armstrong	Up. Freeport	40	-	-	-	-	-	-	312,321	12,550	-
Auger-BAN-892												
Strip Permit No. 11	Armstrong	Summit 11	36	-	-	-	-	-	-	312,321	12,550	-
Total												
Reddinger, Terry												
Strip Permit No. 314-25	Armstrong	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-31	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-32, 36, 37	Armstrong	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-33	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-38	Armstrong	Lo. Freeport	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-39	Armstrong	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-42	Armstrong	Up. Freeport	28	-	-	-	-	-	-	-	-	-
Shaffer, Cecil												
Strip Permit No. 1167-12	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Taylor, Robert F.												
Strip Permit No. 1412-1	Armstrong	Up. Freeport	38	-	-	-	-	-	-	265,910	7,500	-

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft:	Kind of Opening		Drift:	Number and Type			
				Slope	:		Lamps Used	:	Pounds of Explosives Used	Other Permissible
Inches:Depth:			Scam :	Length:	Degrees:	Drift:	Caseous or:	Flame :Elec-	Ammonium Nitrate	Dynamite (Name)
42	Armstrong	Up. Freeport	42	-	-	-	-	-	198,010	22,356
40	Armstrong	Up. Freeport	40	-	-	-	-	-	18,200	7,101
42	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-
48	Armstrong	Brush Creek	48	-	-	-	-	-	-	-
Total										216,210 29,457
24	Armstrong	Up. Freeport	24	-	-	-	-	-	13,525	1,822
District Total										8,959,195 948,091 117,560

*-B-Mix

**-Prestex

District 35A

AH-RS Coal Corp.	Armstrong	Lo. Kittanning	24	-	-	-	-	-	80,760	2,184	-
Strip Permit No. 847-5											
Almire Brothers Coal Co., Inc.	Armstrong	Up. Freeport	46	-	-	-	-	-	60,000	450	-
Strip Permit No. 29-18											
Ankeny, Donald	Armstrong	Pittsburgh	48	-	-	-	-	-	1,600,715	250,286	-
Strip Permit No. 287-7,8,9,11,22											
Apollo Corp., The	Armstrong	Pittsburgh	130	-	-	-	-	-	-	-	-
Strip Permit No. 1115-1											
B & G Construction Co.	Armstrong	M. Kitt.&L.Free.	45	-	-	-	-	-	32,000	-	-
Strip Permit No. 25-5									28,000	-	-
Strip Permit No. 25-7	Armstrong	Lo. Freeport	45	-	-	-	-	-	2,000	-	-
Strip Permit No. 25-14									62,000	-	-
Total											
Bryar Construction Co.	Armstrong	Pittsburgh	72	-	-	-	-	-	-	-	-
Strip Permit No. 575-2											
C & K Coal Co.	Armstrong	Lo. Freeport	18	-	-	-	-	-	247,545	1,652	-
Strip Permit No. 4-151											

District 35A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used	
				Shaft	Slope	Lamps	Used	Ammonium Nitrate	Other Permissible Dynamite (Name)
Nicholson Run Coal Co.									
Strip Permit No. 586-4 & 5	Armstrong	Up. Freeport	36	-	-	-	-	1,810,920	71,275
P & L Coal Co., Inc.									
Strip Permit No. 115-6 & 7	Armstrong	Up. Freeport	36	-	-	-	-	11,925	800
Rearick Corp., L. D.									
Strip Permit No. 1685-1	Armstrong	Up. Freeport	24	-	-	-	-	-	-
Rob Coal Co.									
Strip Permit No. 542-9(A)	Armstrong	Up. Freeport	40	-	-	-	-	95,100	-
Auger-BAM-861	Armstrong	Up. Freeport	40	-	-	-	-	-	-
							Total	95,100	-
S & S Coal Co., Inc.									
Strip Permit No. 577-2	Armstrong	Pittsburgh	66	-	-	-	-	720,750	2,271
Strip Permit No. 577-3	Armstrong	Up. Freeport	42	-	-	-	-	-	-
							Total	720,750	2,271
Snyder, John W.									
Strip Permit No. 1763-1	Armstrong	Lo. Freeport	24-72	-	-	-	-	-	-
Snyder Co., C.H.									
Strip Permit No. 1103-1	Armstrong	Up. & Mid. Kitt.	30	-	-	-	-	139,771	2,900
Sunset Coal Co., Inc.									
Strip Permit No. 1780-1	Armstrong	Up. Freeport	42	-	-	-	-	-	-
West Freedom Mining Corp.									
Strip Permit No. 68-23	Armstrong	Lo. Freeport	36	-	-	-	-	449,160	65,505
Strip Permit No. 68-30	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-
Strip Permit No. 68-37	Armstrong	Lo. Freeport	36	-	-	-	-	329,169	12,250
							Total	778,329	77,755
Yates Brothers Coal Co.									
Strip Permit No. 1351-3	Armstrong	Lo. Freeport	24	-	-	-	-	-	-
							District Total	11,880,802	690,737
								194,548	

* B-Mix
** Slurry

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible Dynamite (Name)
						Shaft	Slope	Drift	Lamps	Used	Flame	Elec- tric	Ammonium Nitrate	Dynamite	
AH-RS Coal Corp. Strip Permit No. 847-1 Allegheny Mineral Corp. Strip Permit No. 571-6 Ancient Sun, Inc. Strip Permit No. 1186-8 Baughman Coal Co., Inc., R.D. Strip Permit No. 151-64 Strip Permit No. 151-71 Strip Permit No. 151-75 Strip Permit No. 151-76	Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion	Lo. Clarion Summit & U. Free. Up. Freeport Lo. Kittanning Lo. Kittanning Lo. Kittanning Lo. Kittanning	36 30-36 48 36 36 36 36	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	56,890 67,262 - - - - -	1,950 26,200 - - - - -	- - - - - - -		
Total															
Beveridge Coal Co. Strip Permit No. 1349-1 & 3 C & K Coal Co. Strip Permit No. 4-85 Strip Permit No. 4-93 Strip Permit No. 4-114	Clarion Clarion Clarion Clarion Clarion Clarion	Lo. Kittanning Clarion Clarion L. Kitt. Up. 36-24-36 & L. Clarion Clarion & Brkvl Mid. Kittanning Lo. & Mid. Kitt. L. Freeport	24 32 42 36-24-36 30-24 26 22-18 30	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	118,792 32,900 649,615 4,277,840 134,620 195,875 1,524,558 343,298	11,878 596 8,175 35,514 1,440 1,920 5,761 3,137	- - - - - - - -	
Strip Permit No. 4-115 Strip Permit No. 4-116 Strip Permit No. 4-117 Strip Permit No. 4-123 Strip Permit No. 4-129 Strip Permit No. 4-130 Strip Permit No. 4-131 Strip Permit No. 4-134 Strip Permit No. 4-137 Strip Permit No. 4-144 Strip Permit No. 4-148 Strip Permit No. 4-149 Strip Permit No. 4-150 Strip Permit No. 4-157 Strip Permit No. 4-158 Strip Permit No. 4-159 Strip Permit No. 4-161 Strip Permit No. 4-162 Strip Permit No. 4-164	Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion Clarion	Clarion Clarion Lo. & Mid. Kitt. L. Freeport Mid. Kittanning Lo. Freeport Up. & Lo. Clarion Lo. Kittanning U. & L. Clarion Mid. Kittanning Mid. & Lo. Kitt. Lo. Kittanning Up. & Lo. Clarion Lo. Kittanning Lo. Kittanning Mid. Kittanning Up. & Lo. Clarion Up. & Lo. Clarion Up. & Lo. Clarion Up. & Lo. Clarion	30-24 30 22-18 30 26 32 30 24 20-36 26 26-34 38 10-26 42 24 26 12-30 14-30 12-26	- - - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - -	892,854 1,257,835 4,900 123,957 99,622 - 649,615 129,917 754,665 314,570 236,030 59,080	5,726 13,036 180 525 464 - 8,175 656 3,342 6,508 2,255 1,053	- - - - - - - - - - - - - - - -		

District 36

		Kind of Opening			Number and Type		Pounds of Explosives Used	
		Shaft	Slope	Drift	Lamps Used			Other
Geological Name of Coal Bed	County	Height of Seam	Length	Depth	Caseous or Drift	Electric	Ammonium Nitrate	Permissible Dynamite (Name)
		Inches	Degrees	Degrees	Open	Safety		
Operators and Mines C & K Coal Co. (continued)								
Auger-BAN-817								
Clarion	Clarion	26			Total		12,164,090	103,563
Chernicky Coal Co., Inc.	Clarion	48					986,928	36,478
Strip Permit No. 1423-4	Clarion	28-36	-		-		347,475	4,612
Strip Permit No. 1423-5	Clarion	28-30					273,770	18,529
Strip Permit No. 1423-6	Clarion				Total		1,608,173	59,619
Clarion Fossil Fuels Corp.	Clarion	25					-	-
Strip Permit No. 1408-2	Clarion	18-20	-		-		352,480	26,265
Strip Permit No. 1408-3 & 7	Clarion	38-30					-	-
Strip Permit No. 1408-4	Clarion	24					1,800	2,544
Strip Permit No. 1408-8	Clarion				Total		354,280	28,809
Colt Resources, Inc.	Clarion	36					-	-
Strip Permit No. 1171-2	Clarion	40	-		-		-	3,168
Strip Permit No. 1171-6	Clarion	40					-	-
Strip Permit No. 1171-9	Clarion	24					-	2,712
Strip Permit No. 1171-11	Clarion				Total		-	5,980
Cotterman Coal Co., W.A.	Clarion	24					7,400	2,900
Strip Permit No. 603-13	Clarion	30	-		-		37,350	426
Strip Permit No. 603-14(A4)	Clarion	28					159,050	13,800
Strip Permit No. 603-14(A5)	Clarion				Total		203,800	17,126
Darmac Coal, Inc.	Clarion	60	-		-		-	-
Strip Permit No. 1600-2	Clarion	48					250,310	3,302
Dean Contractor, Inc., Ernest C.	Clarion	20					106,675	1,150
Strip Permit No. 379-35	Clarion	80	-		-		325,390	4,100
Strip Permit No. 379-44	Clarion	50					458,300	4,067
Strip Permit No. 379-45	Clarion	20					200,865	2,500
Strip Permit No. 379-46	Clarion				Total		1,341,540	15,119
Strip Permit No. 379-49	Clarion	24					-	-
Deitz, Donald W.	Clarion						-	-
Strip Permit No. 1270-2	Clarion						-	-

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
					: Shaft:	: Slope:	: Drift:	: Lamps:	: Used:	: Other:	: Permissible:	: (Name)	
Deitz, Donald W. (continued)													
Strip Permit No. 1270-3	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	1,465,000	13,501	-
Strip Permit No. 1270-4	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1270-8	Clarion	Clarion	30	-	-	-	-	-	-	-	-	-	-
Fagley, Robert L.													
Strip Permit No. 1289-1&A	Clarion	-	-	-	-	-	-	-	-	-	1,465,000	13,501	-
Strip Permit No. 1289-3	Clarion	Lo. & Mid. Kitt.	30-24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1289-4	Clarion	Lo. & Mid. Kitt.	30-24	-	-	-	-	-	-	-	9,940	992	-
Strip Permit No. 1289-5	Clarion	U. Kitt. & L. Free.	30-36	-	-	-	-	-	-	-	119,283	11,913	-
Strip Permit No. 1289-7	Clarion	U. Kitt. & L. Free.	24-30	-	-	-	-	-	-	-	59,642	5,957	-
H & G Coal & Clay Co., Inc.													
Strip Permit No. 75-33	Clarion	Mid. Kittanning	30	-	-	-	-	-	-	-	914	-	-
Strip Permit No. 75-36	Clarion	Mid. Kittanning	26	-	-	-	-	-	-	-	1,547	-	-
Ingram Coal Co.													
Strip Permit No. 1476-4	Clarion	Brookville	32	-	-	-	-	-	-	-	-	-	-
Jack Brothers Construction Co.													
Strip Permit No. 450-11	Clarion	Clarion	30	-	-	-	-	-	-	-	26,129	2,810	-
K.I.T. Industries													
Strip Permit No. 1417-6	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	7,000	700	-
Lucinda Coal Co., Inc.													
Strip Permit No. 1015-1	Clarion	L. Kitt. & L. Free.	22	-	-	-	-	-	-	-	365,303	6,500	-
M S M Coal Co., Inc.													
Strip Permit No. 1748-1	Clarion	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-	-
Mauersberg Coal Co.													
Strip Permit No. 344-20	Clarion	Lo. Kittanning	29	-	-	-	-	-	-	-	61,140	2,110	-
Strip Permit No. 344-30	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-31	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-35	Clarion	Mid. Kittanning	21	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-36	Clarion	Lo. Kittanning	29	-	-	-	-	-	-	-	42,520	1,236	-
Strip Permit No. 344-40	Clarion	Clarion	24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-41	Clarion	Clarion	24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-42	Clarion	Clarion	26	-	-	-	-	-	-	-	-	-	-
Total											103,660	3,346	-

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening				Number and Type				Pounds of Explosives Used	Other Permissible	Dynamite (Name)
									Shaft	Slope	Drift		Lamps	Used					
Shannon Coal Co. (continued)																			
Strip Permit No. 1204-26	Clarion	Mid. Kittanning	30														1,364,401	4,900	-
Strip Permit No. 1204-27	Clarion	Lo. Kittanning	28														201,616	1,189	-
Strip Permit No. 1204-28	Clarion	Lo. & Mid. Kitt.	28-24														1,995,154	7,872	-
Strip Permit No. 1204-29	Clarion	Up. & Lo. Clarion	14-18														96,405	3,286	-
Strip Permit No. 1204-30	Clarion	Up. & Lo. Clarion	12-18														159,215	2,780	-
Auger-BAM-872	Clarion	Mid. Kittanning	24														-	-	-
Total																	17,893,658	70,876	-
Siegel, Thomas	Clarion	Mid. Kittanning	22														-	-	-
Strip Permit No. 1210-4 & 5	Clarion	Mid. Kittanning	22														-	-	-
Siegel Coal Co., Harold A.	Clarion	Clarion	24														485,660	57,026	-
Strip Permit No. 8-19	Clarion	Clarion	24														202,825	19,099	-
Strip Permit No. 8-22	Clarion	Clarion	24														688,485	76,125	-
Total																			
Stahlman Coal Co., Inc., W.P.	Clarion	Clarion	28														919,545	8,255	-
Strip Permit No. 9-45	Clarion	Clarion	26														1,003,140	9,005	-
Strip Permit No. 9-55	Clarion	Clarion & L. Kitt.	28														1,755,496	15,759	-
Strip Permit No. 9-56	Clarion	Clarion	22														25,078	2,251	-
Strip Permit No. 4-150	Clarion	Clarion	22														3,703,259	35,270	-
Total																			
W. & M. Coal Co.	Clarion	Lo. Kittanning	24														28,190	5,044	-
Strip Permit No. 787-4	Clarion	Lo. Kittanning	24														28,190	5,044	-
White Coal	Clarion	Up. Kittanning	26														282,025	34,964	-
Strip Permit No. 1503-1	Clarion	Up. Kittanning	26														282,025	34,964	-
Strip Permit No. 1503-2	Clarion	Up. Freeport	30														2,600	8,942	-
Total																	284,625	43,906	-
Wilson, John N.	Clarion	Mid. Kittanning	30														-	-	-
Strip Permit No. 502-5	Clarion	Up. & Lo. Clarion	30-20														-	-	-
Strip Permit No. 502-6	Clarion	Up. & Lo. Clarion	30-20														-	-	-
Wyant Coal Co., R.E.	Clarion	Up. Kittanning	20														-	-	-
Strip Permit No. 1334-1	Clarion	Up. Kittanning	20														-	-	-
Yeane, Woodrow	Clarion	Lo. Kittanning	30														-	-	-
Strip Permit No. 1504-1	Clarion	Lo. Kittanning	30														-	-	-
Zacherl Coal Co., Inc.	Clarion	Clarion	20														-	-	-
Strip Permit No. 73-18	Clarion	Clarion	22														-	-	-
Strip Permit No. 73-21	Clarion	Clarion	18														-	-	-
Strip Permit No. 73-24	Clarion	Clarion	18														-	-	-

District 36

									Kind of Opening			Number and Type				
									:Shaft:	:Slope:	:Drift:	:Lamps Used:	:	:Pounds of Explosives Used:		
Geological Name of Coal Bed	County	Operators and Mines	Height of Seam	Inches	Depth	Length	Degrees	Drift	:Gaseous or:	:Flame :	:Elec-:	Ammonium Nitrate	Dynamite	(Name)		
Clarion	Clarion	Zachert Coal Co., Inc. (continued)	32	-	-	-	-	-	-	-	-	-	-	-		
Mid. Kittanning	Clarion	Strip Permit No. 73-28	24													
Lo. Kittanning	Clarion	Strip Permit No. 73-30	24													
		Strip Permit No. 73-33														
District Total													42,100,667	645,205	6,230	

* Tovex
** Gel

District 37

Ancient Sun, Inc.	Clarion	Strip Permit No. 1186-1	18	-	-	-	-	-	-	-	-	-
Strip Permit No. 1186-5	Clarion	Strip Permit No. 1186-5	24									
C & K Coal Co.												
Strip Permit No. 4-98	Clarion	Strip Permit No. 4-98	12-18									
Strip Permit No. 4-120	Clarion	Strip Permit No. 4-120										
Strip Permit No. 4-132	Clarion	Strip Permit No. 4-132										
Strip Permit No. 4-135	Clarion	Strip Permit No. 4-135										
Strip Permit No. 4-143	Venango	Strip Permit No. 4-143										
Strip Permit No. 4-147	Clarion	Strip Permit No. 4-147										
Strip Permit No. 4-154	Clarion	Strip Permit No. 4-154										
Strip Permit No. 4-156	Clarion	Strip Permit No. 4-156										
Strip Permit No. 4-163	Clarion	Strip Permit No. 4-163										
Strip Permit No. 4-168	Venango	Strip Permit No. 4-168										
Strip Permit No. 1508-1	Venango	Strip Permit No. 1508-1										
Chernicky Coal Co., Inc.												
Strip Permit No. 1423-3	Clarion	Strip Permit No. 1423-3	36									
Strip Permit No. 1423-7	Clarion	Strip Permit No. 1423-7	36									
Strip Permit No. 1423-14	Clarion	Strip Permit No. 1423-14	36									
Total											4,349,736	907,519
											288,175	-
											120,970	-

District 37

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening				Number and Type				Pounds of Explosives Used				Other Permissible Dynamite (Name)
									Shaft	Slope	Drift		Lamps	Used			Ammonium Nitrate				
Chernicky Coal Co., Inc. Strip Permit No. 1423-15 Strip Permit No. 1423-16	Clarion	Clarion	60	-	-	-	-	-									136,256	6,352	-	-	
	Clarion	Clarion	60	-	-	-	-	-									408,769	19,056	-	-	
																Total	954,170	105,585	-	-	
Chutz Contracting Ltd. Strip Permit No. 650-7, 8 & 9 Cotterman Coal Co., W.A. Strip Permit No. 603-15 Equitable Coal Co. Strip Permit No. 1253-1 Strip Permit No. 1253-4 Strip Permit No. 1253-5 Strip Permit No. 1253-6 Strip Permit No. 1253-6A	Venango	Brookville	28	-	-	-	-	-									148,930	14,875	-	-	650*
	Venango	Lo. Kittanning	24	-	-	-	-	-									310,600	34,925	-	-	4,300**
	Clarion	Clarion	24	-	-	-	-	-									49,220	5,850	-	-	
	Venango	Clarion	24	-	-	-	-	-									-	-	-	-	
	Venango	Clarion	24	-	-	-	-	-									151,070	11,050	-	-	
	Venango	Clarion	24	-	-	-	-	-									-	-	-	-	
																Total	200,290	16,900	-	-	
FW&R, Inc. Strip Permit No. 1547-3 Strip Permit No. 1547-4	Venango	Brookville	32	-	-	-	-	-									27,100	1,767	-	-	
	Venango	Lo. Kittanning	34	-	-	-	-	-									96,310	7,800	-	-	
																Total	123,410	9,567	-	-	
Glacial Minerals, Inc. Strip Permit No. 1257-1 Strip Permit No. 1257-1(A4) Strip Permit No. 1257-5 Strip Permit No. 1257-6 Strip Permit No. 1257-7 Strip Permit No. 1257-7A Strip Permit No. 1257-8A Strip Permit No. 1257-9	Clarion	Clarion	30	-	-	-	-	-									297,660	3,336	-	-	
	Clarion	Clarion	30	-	-	-	-	-									30,500	379	-	-	
	Clarion	Mid. Kitt.	30	-	-	-	-	-									1,000	13	-	-	
	Clarion	Mid. Kitt.	28	-	-	-	-	-									206,880	2,343	-	-	
	Clarion	Mid. Kitt.	30	-	-	-	-	-									213,060	1,053	-	-	
	Clarion	Mid. Kitt.	30	-	-	-	-	-									399,400	2,093	-	-	
	Clarion	Lo. Clarion	36	-	-	-	-	-									375,000	6,730	-	-	
	Clarion	Mid. & Lo. Kitt.	15	-	-	-	-	-									1,900	150	-	-	
																Total	1,525,400	16,097	-	-	
Henry, Lester C. Strip Permit No. 1816-1 Jack Brothers Construction Co. Strip Permit No. 450-10 Lucas Coal Co., Inc. Strip Permit No. 1680-7 McCauley, C.A. Strip Permit No. 1902-1	Clarion	Up. & Lo. Clarion	16-28	-	-	-	-	-									-	-	-	-	
	Venango	Clarion	26	-	-	-	-	-									39,450	10,824	-	-	
	Venango	Brookville	31	-	-	-	-	-									761,890	33,869	-	-	
	Clarion	Lo. Kittanning	24	-	-	-	-	-									-	-	-	-	
	Clarion	Up. & Mid. Kitt.	48	-	-	-	-	-									-	-	-	-	

District 37

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps :	Used :		Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Pengrove Coal Co. Strip Permit No. 74-12 Strip Permit No. 74-13 Strip Permit No. 74-14	Venango	Brookville	32	-	-	-	-	-	-	937,500	37,500	-
	Venango	Brookville	30	-	-	-	-	-	-	750,000	33,000	-
	Venango	Brookville	30	-	-	-	-	-	-	562,500	22,500	-
								Total		2,250,000	93,000	-
Phillips, Merle H. Strip Permit No. 613-10 Rockland Mining Co. Strip Permit No. 1106-1(A&B) Strip Permit No. 1106-2	Venango	Clarion	28	-	-	-	-	-	-	393,285	88,038	-
	Venango	Up.&Lo. Clarion	17-24	-	-	-	-	-	-	378,737	29,119	-
	Venango	Up.&Lo. Clarion	17-24	-	-	-	-	-	-	22,043	1,695	-
								Total		400,780	30,814	-
Romanko Brother Enterprises, Inc. Strip Permit No. 1768-1 Siegel, Thomas E. Strip Permit No. 1210-6 Siegel Coal Co., Harold A. Strip Permit No. 8-19 Strip Permit No. 8-22	Venango	L.Kitt.&Btkv.	24	-	-	-	-	-	-	-	-	-
	Clarion	Up.&Lo. Clarion	18-24	-	-	-	-	-	-	184,475	4,234	-
	Clarion	Clarion	24	-	-	-	-	-	-	485,660	57,026	-
								Total		202,825	19,099	-
										688,485	76,125	-
Vendale Coal Co., Inc. Strip Permit No. 1837-2 Strip Permit No. 1837-3 Strip Permit No. 1215-3 Weaver Contracting, Inc. Strip Permit No. 1356-1 Strip Permit No. 1356-3	Venango	Up.&Lo. Clarion	24-36	-	-	-	-	-	-	-	-	-
	Venango	Up.&Lo. Clarion	24-36	-	-	-	-	-	-	-	-	-
	Venango	Up.&Lo. Clarion	24-36	-	-	-	-	-	-	-	-	-
										199,175	53,511	-
										55,100	32,475	-
								Total		254,275	85,986	-
Weaver & Sons, A.P. Strip Permit No. 144-12 Strip Permit No. 144-22 Strip Permit No. 144-23	Clarion	Clarion	36	-	-	-	-	-	-	319,000	1,210	9,000#
	Clarion	Clarion	36	-	-	-	-	-	-	437,450	2,350	13,700#
	Clarion	Clarion	34	-	-	-	-	-	-	7,800	1,090	3,500#
								Total		764,250	4,650	26,200
Winger Coal Co., Inc. Strip Permit No. 401-9 Zacherl Coal Co., Inc. Strip Permit No. 73-26, 27 & 32	Venango	Brookville	32	-	-	-	-	-	-	393,288	6,600	-
	Clarion	Up.&Lo. Clarion	23-26	-	-	-	-	-	-	233,184	2,331	-
								District Total		13,975,898	704,681	938,669

	Kind of Opening		Number and Type	Pounds of Explosives Used
	Shaft	Slope		
Geological Name	Height of			Other
County of Coal Bed	Seam			Ammonium
	Inches:Depth:Length:Degrees:Drift:Nongaseous:Open:Safety:Electric:Nitrate:Dynamite (Name)			

District 38

Jefferson	Lo. Kittanning	32	-	-	-	-	-	-
Jefferson	Lo. Kittanning	30	-	-	-	-	304,650	13,252
Jefferson	Lo. Kittanning	30	-	-	-	-	372,225	38,060
						Total	676,875	51,312
Jefferson	Lo. Kittanning	18					68,876	717
Jefferson	Lo. Freeport	30	-	-	-	-	25,366	831
Jefferson	Lo. Freeport	30					-	-
						Total	94,242	1,548

[illegible]

Jefferson	Up. & Lo. Free.	28	-	-	-	-	30,000	180	65
Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-
Jefferson	Up. Freeport	48	-	-	-	-	-	-	-
Jefferson	Mid. Kittanning	22	-	-	-	-	-	-	-

District 38

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening : Shaft	Slope	Drift	Number and Type :				Pounds of Explosives Used :		
							Lamps	Open	Electric	Ammonium Nitrate	Dynamite	Other	Permissible
Glen Coal Co., Div. of Champion Coal Co., Inc. (continued)													
Strip Permit No. 343-24	Jefferson	Up. Freeport	30								556,796	2,208	2,081
Strip Permit No. 343-25	Jefferson	Mid. Kittanning	14								-	-	-
Strip Permit No. 1403-5	Jefferson	Lo. Kittanning	30								86,304	504	521
Strip Permit No. 1403-6	Jefferson	Lo. Kittanning	28								-	-	-
Strip Permit No. 1403-8	Jefferson	Lo. Kittanning	26								11,800	114	83
Strip Permit No. 1403-9	Jefferson	Lo. Kittanning	27								94,368	943	621
Strip Permit No. 1403-10	Jefferson	Lo. Kittanning	25								155,356	2,125	771
Strip Permit No. 1403-12	Jefferson	Mid. Kittanning	30								590,179	33,352	5,639
Strip Permit No. 1403-15	Jefferson	Lo. Kittanning	30								697,935	16,606	5,135
Strip Permit No. 1403-17	Jefferson	Mid. Kittanning	20								113,252	1,169	981
Strip Permit No. 1403-20	Jefferson	Lo. Kittanning	24								-	-	-
Harmon Coal Co.							Total				2,305,990	57,057	15,832
Strip Permit No. 514-12	Jefferson	Mid. Kittanning	30								475,830	5,800	-
J.O.T. Coal Corp.													
Strip Permit No. 1776-1 & 1A	Jefferson	Lo. Freeport	36								33,992	328	-
Kann Coal Co., Inc.													
Strip Permit No. 621-6 & 1714-8	Jefferson	Up. & Lo. Free. Up. Kittanning	30 27								2,714,842	68,423	-
Keystone Mining Co.													
Strip Permit No. 1647-1	Jefferson	Lo. Freeport	36								-	-	-
Strip Permit No. 1647-2	Jefferson	Up. Freeport	28								8,633	136	-
Strip Permit No. 1647-4	Jefferson	Up. Freeport	28								67,333	502	-
Strip Permit No. 1647-5 Refuse	Jefferson	L. Free&L. Kitt.	28-20								307,150	3,943	-
							Total				383,116	4,581	-
Markle-Bullers Coal Co.													
Strip Permit No. 504-37	Jefferson	Mid. Kittanning	28								-	-	-
Strip Permit No. 504-42	Jefferson	Up. Freeport	40								94,550	2,700	-
Strip Permit No. 504-45	Jefferson	Lo. & Up. Freeport	24-48								205,051	6,230	-
							Total				299,601	8,930	-
Meterko, Andrew R.													
Strip Permit No. 1878-1	Jefferson	Lo. Freeport	66								-	-	-
Minich, Darl													
Strip Permit No. 415-7	Jefferson	Lo. Kittanning	28-30								62,350	13,628	-

District 38

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps Used			Ammonium Nitrate	Dynamite (Name)	Other Permissible
Moore Coal Co., Everett Strip Permit No. 157-13 Strip Permit No. 157-14	Jefferson Jefferson	Up. Freeport Lo. Kittanning	38 26	-	-	-	-	-	-	14,552 20,866	136 635	-
							Total			35,418	771	-
P & N Coal Co., Inc. Strip Permit No. 32-49, 80 83 & 88 Strip Permit No. 32-81	Jefferson Clearfield	Up. & Lo. Free. Up. Kittanning Up. & Lo. Free.	32-30 24 30-24	-	-	-	-	-	-	2,504,859 612,043	52,610 11,571	-
P & V Coal Co. Strip Permit No. 1583-1 & Auger-BAM-766	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	3,116,902	64,181	-
Park, Sara L. Strip Permit No. 1733-1 Reiner, Melvin Strip Permit No. 1277-1 & 1A	Jefferson Jefferson Jefferson	Lo. Freeport Lo. Kittanning Lo. Kittanning	48 30	-	-	-	-	-	-	23,700	50	-
Schaffer, Cecil Strip Permit No. 1167-10 Sky Haven Coal, Inc. Strip Permit No. 1812-24	Jefferson Jefferson Jefferson	Up. Kittanning Up. Freeport	20 30	-	-	-	-	-	-	-	-	-
Spring Valley Coal Co., Inc. Strip Permit No. 1723-1 Stanford, Richard Strip Permit No. 1205-1	Jefferson Jefferson Jefferson	Lo. Kittanning Lo. Kittanning	26 26	-	-	-	-	-	-	89,000 422,078	41,330	-
Yenzi, John R. Jr. Strip Permit No. 1529-1	Jefferson	Up. & Mid. Kitt.	24	-	-	-	-	-	-	31,100	3,163	-
							District Total			12,400,449	333,291	32,049

District 38A

Baughman Coal Co., Inc., R.D. Strip Permit No. 151-66 Strip Permit No. 151-74 Special Project No. 475	Jefferson Jefferson Jefferson	Mid. Kittanning Brookville Mid. Kittanning	18 38 24	-	-	-	-	-	-	62,480 560,610 10,650	11,061 44,788 126	-
							Total			633,740	55,975	-

District 38A

Operators and Mines	County	Geological Name	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening			Number and Type			Pounds of Explosives Used		
									Shaft	Slope	Drift	Lamps	Other	Permissible	Nitrate	Dynamite	(Name)
Doan Coal Co. (continued)																	
Strip Permit No. 154-14	Jefferson	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 154-15	Jefferson	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-	-	36,605	840	-	-
Strip Permit No. 154-17	Jefferson	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-	-	62,800	1,181	-	-
Strip Permit No. 154-19	Jefferson	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														183,495	3,576	-	-
Doverspike Bros. Coal Co.																	
Strip Permit No. 576-36, 37, 47, 50, 49, 69	Jefferson	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	459,249	4,703	2,629	-
Strip Permit No. 576-35	Jefferson	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-	-	18,403	322	321	-
Strip Permit No. 576-42	Jefferson	Mid. Kittanning	20	-	-	-	-	-	-	-	-	-	-	41,089	691	432	-
Strip Permit No. 576-51 & 53	Jefferson	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	130,924	1,484	2,106	-
Strip Permit No. 576-55, 56																	
60,62,63	Jefferson	Mid. Kittanning	16	-	-	-	-	-	-	-	-	-	-	544,881	4,631	4,117	-
														1,194,546	11,831	9,605	-
Fye, Elmer																	
Strip Permit No. 1008-2	Jefferson	L. Free.&U.Kitt.	84-28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gearhart, Alvin																	
Strip Permit No. 632-6 & 8	Jefferson	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-	50,000	1,500	-	-
Strip Permit No. 632-11 & 12	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-	-	48,400	1,800	-	-
Strip Permit No. 632-11A	Jefferson	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 632-12A	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														98,400	3,300	-	-
Glen Irvan Corp.																	
Strip Permit No. 671-6	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glenn Coal Co., Div. of																	
Champion Coal Co., Inc.																	
Strip Permit No. 1403-3	Jefferson	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	-	303,750	3,504	2,215#	-
Strip Permit No. 1403-4	Jefferson	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														303,750	3,504	2,215	-
Hanley Co.																	
Strip Permit No. 886-3	Jefferson	Lo. Clarion	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepburnia Coal Co.																	
Strip Permit No. 14-62	Jefferson	Up.&Lo.Free.	26-38	-	-	-	-	-	-	-	-	-	-	409,432	4,991	-	-
Ingram Coal Co.																	
Strip Permit No. 1476-2	Jefferson	Lo.&Mid.Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jefferson-Clearfield Coal Co., Inc.																	
Strip Permit No. 1777-1 & 1A	Jefferson	Up.Kitt.&U.Free.	34-32	-	-	-	-	-	-	-	-	-	-	330,099	80,329	-	-
Strip Permit No. 1777-3	Jefferson	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														330,099	80,329	-	-

District 38A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used	
				Shaft	Slope	Lamps Used	Drift	Other	Pernis-ible
			Inches	Depth	Length	Degrees	Drift	Gasous or	Flame :Elec- : Ammonium Nitrate
K.I.L. Industries	Jefferson	Mid. Kittanning	20	-	-	-	-	-	-
	Jefferson	Brookville	60	-	-	-	-	-	69,000 7,100
							Total		69,000 7,100
Krach & Gearhart	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-
	Jefferson	Up. Freeport	45	-	-	-	-	-	273,637 1,377
	Jefferson	Up.&Lo. Free.	44	-	-	-	-	-	40,000
	Jefferson	Lo. Kittanning	30	-	-	-	-	-	105,000
	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-
	Jefferson	Brookville					Total		145,000
									-
Rice Coal Co.	Jefferson	Lo. Freeport	48	-	-	-	-	-	18,000 200
	Jefferson	Lo. Freeport	30	-	-	-	-	-	10,280 150
	Jefferson	Lo. Kittanning	20	-	-	-	-	-	179,670 4,122
	Jefferson	Lo.&Up. Free. L.N.&L. Kitt.	30	-	-	-	-	-	90,172 41,955
	Jefferson		18	-	-	-	-	-	-
							Total		90,172 41,955
									-
Smith, Calvin C.	Jefferson	Mid. Kittanning	16	-	-	-	-	-	250,750 1,980
	Jefferson	Lo. Kittanning	20	-	-	-	-	-	177,900 2,020
							Total		428,650 4,000
Smith Coal Co., A.A.	Jefferson	Lo. Kittanning	24	-	-	-	-	-	-
	Jefferson	Brk., Clarion, L.K. Brk'v & Clarion	30	-	-	-	-	-	1,839,091 16,510
	Jefferson	Clarion	28	-	-	-	-	-	1,170,330 10,506
	Jefferson	Lo. Kittanning	24	-	-	-	-	-	3,641 87
	Jefferson	Lo. Kittanning	30	-	-	-	-	-	25,078 247
	Jefferson								-
									-
Stahman Coal Co., Inc., W.P.	Jefferson	Strip Permit No. 1572-2							-
	Jefferson	Strip Permit No. 9-32							-
	Jefferson	Strip Permit No. 9-43							-
	Jefferson	Strip Permit No. 9-47							-
	Jefferson	Strip Permit No. 9-48							-
Strip Permit No. 9-50	Jefferson	Strip Permit No. 9-50							-
	Jefferson	Strip Permit No. 9-53							-

302

* Blasting done by contract.
Caps

Arcadia Co., Inc., The
Strip Permit No. 164-13
Strip Permit No. 164-14

Lo. Kittanning	32	455,785	9,129
Up. Freeport	42	3,406	16

District 39

Geological Name of Coal Bed	County	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)	
			Shaft	Slope	Drift	Lamps Used	Gaseous or : Flame : Elec- : Safety : tric : Nitrate				
								Depth : Degrees : Drift : Non-gaseous : Open :			
Arcadia Co., Inc., The (continued)											
Strip Permit No. 164-19	Indiana	Mid. Kittanning	26	-	-	-	-	-	377,549	7,745	-
Strip Permit No. 164-20	Indiana	Lo. Kittanning	32	-	-	-	-	-	-	-	-
Strip Permit No. 164-21	Indiana	Mid. Kittanning	26	-	-	-	-	-	-	-	-
Strip Permit No. 164-22	Indiana	Mid. Kittanning	24	-	-	-	-	-	207,810	4,744	-
Strip Permit No. 164-25	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-
Strip Permit No. 164-26	Indiana	Lo. Kittanning	26	-	-	-	-	-	82,877	1,700	-
			Total						1,127,427	23,334	-
B.B.S. Coal Co.											
Strip Permit No. 1273-1	Indiana	Up. Freeport	32	-	-	-	-	-	-	-	-
Strip Permit No. 1273-2	Indiana	Up. & Lo. Free.	32-16	-	-	-	-	-	156,765	31,371	-
Auger-BAM-836,900,904&904(A1)	Indiana	Up. Freeport	32	-	-	-	-	-	-	-	-
			Total						156,765	31,371	-
Becker Coal Co., Paul F.											
Strip Permit No. 1832-1	Indiana	Harlem	18	-	-	-	-	-	-	-	-
Benjamin Coal Co.											
Strip Permit No. 64-95	Indiana	M. Kitt. & U. Free.	24	-	-	-	-	-	1,041,340	9,995	-
Strip Permit No. 64-104	Indiana	L. M. Kitt. & L. Free.	24	-	-	-	-	-	91,000	875	-
Strip Permit No. 64-127	Indiana	M. & L. Kitt.	21	-	-	-	-	-	703,460	6,750	-
Strip Permit No. 64-132	Indiana	L. & M. Kitt.	22	-	-	-	-	-	305,225	2,930	-
Strip Permit No. 64-158	Indiana	L. & M. Kitt.	24	-	-	-	-	-	677,975	6,510	-
Strip Permit No. 64-189	Indiana	L. Free., Rider	25	-	-	-	-	-	441,315	4,230	-
Strip Permit No. 64-194&195	Indiana	Lo. Freeport	28	-	-	-	-	-	24,032	2,310	-
Strip Permit No. 107-6	Indiana	M. U. Kitt. & L. Free.	26	-	-	-	-	-	241,310	2,310	-
Strip Permit No. 107-10	Indiana	M. Kitt. & U. Free.	26	-	-	-	-	-	479,880	4,610	-
			Total						4,005,537	40,520	-
C & C Coal Co.											
Strip Permit No. 1197-9 & 10	Indiana	Up. Kittanning	24	-	-	-	-	-	-	-	-
Cookport Coal Co., Inc.											
Strip Permit No. 1887-1	Indiana	Up. Freeport	22	-	-	-	-	-	83,018	-	-
Doverspike Brothers Coal Co.											
Strip Permit No. 567-30, 57&58	Indiana	Lo. Kitt. & Lo. Free.	40	-	-	-	-	-	429,487	3,130	2,584
F.L.K. Mining Co.											
Strip Permit No. 1256-1	Indiana	Lo. Kittanning	36	-	-	-	-	-	200	30	-
GARD Mining, Inc.											
Strip Permit No. 1823-1 & 2	Indiana	Lonaconing	18	-	-	-	-	-	19,984	308	-
Glen Irvan Corp.											
Strip Permit No. 671-5	Indiana	Lo. Freeport	30	-	-	-	-	-	5,760	-	2,350*

District 39

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other			
				Shaft	Slope	Drift	Lamps Used							
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Nitrate	Dynamite	(Name)
Glen Irwin Corp. (continued)														
Strip Permit No. 671-8	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	3,170	-	1,080*
												8,930	-	3,430
												Total		
Houser, William C.	Indiana	Up. Kittanning	18	-	-	-	-	-	-	-	-	13,100	614	-
Strip Permit No. 1333-1														
Indian Head Coal Co.	Indiana	Up. & Lo. Free.	30-24	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1840-1														
M & R Coal Co.	Indiana	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1720-2														
Strip Permit No. 1720-3 & 3A	Indiana	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-
Marion Center Mining Co.														
Strip Permit No. 212-6	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 212-8	Indiana	Brkv. & L. Kitt.	36-42	-	-	-	-	-	-	-	-	-	-	-
McIntire Coal Co., Inc., Wm.	Indiana	Up. Freeport	22	-	-	-	-	-	-	-	-	9,252	-	-
Strip Permit No. 638-6 & 9														
Mears Coal Co.	Indiana	M. Kitt. & L. Free.	24	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 3-11														
Strip Permit No. 3-14	Indiana	Up. Freeport	30	-	-	-	-	-	-	-	-	17,700	413	300**
Strip Permit No. 3-16	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	79,100	600	200**
Strip Permit No. 3-17	Indiana	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 3-18	Indiana	Lo. & Up. Free.	22-30	-	-	-	-	-	-	-	-	7,100	200	200**
Strip Permit No. 3-20	Indiana	M. Kitt. & L. Free.	22-28	-	-	-	-	-	-	-	-	58,219	713	350**
Special Project No. 309	Indiana	Up. Freeport	32	-	-	-	-	-	-	-	-	-	-	-
Auger-BAN-643	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-
Auger-BAN-829	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	-
Auger-BAN-848	Indiana	Lo. Freeport	26	-	-	-	-	-	-	-	-	-	-	-
												Total	162,119	1,926
														1,050
North Cambria Fuel Co.	Indiana	Lo. Freeport	24	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 10-46														
Oak Tree Coal Co.	Indiana	Lo. Freeport	16	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1695-1&2														
Old Home Manor, Inc.	Indiana	Lonaconing	19	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 615-30,31,32														
39, 40 & 46														
P & N Coal Co., Inc.	Indiana	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 32-94														
Pennsylvania Mineral Co.	Indiana	Mid. & Up. Kitt.	30	-	-	-	-	-	-	-	-	547,085	9,055	-
Strip Permit No. 653-10														-

District 39

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Flame	Electric	Ammonium Nitrate Dynamite (None)
Rayne Mining Co.												
Strip Permit No. 1682-1	Indiana	Up. Freeport	21	-	-	-	-	-	-	-	-	-
Strip Permit No. 1682-2	Indiana	Up. Freeport	22	-	-	-	-	-	-	-	-	-
Red Gap Coal Co.												
Strip Permit No. 433-9	Indiana	Lo. & Up. Free.	28-48	-	-	-	-	-	-	-	-	-
Ruffner Coal Co.												
Strip Permit No. 1269-1	Indiana	Lo. Freeport	30	-	-	-	-	-	-	50,340	11,296	-
Silverd Brothers Coal Co.												
Strip Permit No. 513-2A	Indiana	Up. Freeport	32	-	-	-	-	-	-	19,410	196	-
T.L.H. Coal Co.												
Strip Permit No. 1478-2, 4A & 5	Indiana	Lo. Freeport	28	-	-	-	-	-	-	96,725	10,212	-
Auger-BAM-737 & 880	Indiana	Lo. Freeport	28	-	-	-	-	-	-	96,725	10,212	-
Yenzi, John R. Jr.												
Strip Permit No. 1529-3	Indiana	Up. & Lo. Freeport	40	-	-	-	-	-	-	-	-	-
District Total										6,729,379	131,992	7,064

* Slurry

** Power Primers

District 39A

A&C Coal Co., Inc.												
Strip Permit No. 1111-6(A2&3)	Indiana	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 1111-9(A2&3)	Indiana	Pittsburgh	60	-	-	-	-	-	-	73,650	1,350	-
Strip Permit No. 1111-11(A)	Indiana	Bottom Pittsburgh	30	-	-	-	-	-	-	-	-	-
Total										73,650	1,350	-
Ankeny, Donald												
Strip Permit No. 287-12	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 1197-11 & 12	Indiana	Up. Freeport	48	-	-	-	-	-	-	1,247,320	68,266	-
Total										1,247,320	68,266	-
Beilchick Brothers												
Strip Permit No. 95-1	Indiana	Lo. Freeport	30	-	-	-	-	-	-	34,000	390	-

District 39A

Operators and Mines Belchick Brothers (continued)	County	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used				Other Pernis- sible (Name)
Strip Permit No. 95-3	Indiana	Lo. Freeport	40	-	-	-	-	-	-	85,000	1,000	-
Bennett, William R.								Total		119,000	1,390	-
Strip Permit No. 924-1, 2 & 4	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Strip Permit No. 924-3 & 5	Indiana	Pittsburgh	72	-	-	-	-	-	-	51,200	2,150	1,990*
								Total		51,200	2,150	1,990
Bentley Coal Co., Inc.												
Strip Permit No. 938-6	Indiana	Up. Kitt.&L.Free.	26-38	-	-	-	-	-	-	100,000	8,000	-
Strip Permit No. 938-6(A3)	Indiana	Up. Kitt.&Lo.Free.	26-38	-	-	-	-	-	-	50,000	2,000	-
Strip Permit No. 938-15	Indiana	Mahoning	26	-	-	-	-	-	-	10,000	50	-
Strip Permit No. 938-17C	Indiana	Lo. Kittanning	72	-	-	-	-	-	-	10,000	50	-
								Total		170,000	10,100	-
Buterbaugh Construction Co.												
Strip Permit No. 1482-1	Indiana	Up. Freeport	28	-	-	-	-	-	-	100,000	32,000	-
Strip Permit No. 1482-2	Indiana	Up. Freeport	28	-	-	-	-	-	-	100,000	32,000	-
Auger-BAM-786	Indiana	Up. Freeport	28	-	-	-	-	-	-	-	-	-
								Total		200,000	64,000	-
C & C Coal Co.												
Strip Permit No. 1197-7	Indiana	Pittsburgh	42	-	-	-	-	-	-	-	-	-
Strip Permit No. 1197-8	Indiana	Up. Freeport	40	-	-	-	-	-	-	600	700	-
Strip Permit No. 1197-11 & 12	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-
								Total		600	700	-
Dunkard Creek Coal, Inc.												
Strip Permit No. 939-2	Indiana	Lo. Kittanning	37	-	-	-	-	-	-	688,975	11,400	-
Auger-BAM-639	Indiana	Lo. Kittanning	37	-	-	-	-	-	-	-	-	-
								Total		688,975	11,400	-
Fello, Thomas A.												
Strip Permit No. 572-5	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Foreman, Edward												
Special Project 405	Indiana	Lo. Freeport	26	-	-	-	-	-	-	-	50	-
Freeport Coal Co., Inc.												
Strip Permit No. 1553-2	Indiana	Up. Freeport	44	-	-	-	-	-	-	81,600	43,489	-
Glory Coal Co., Inc.												
Strip Permit No. 1462-2	Indiana	Lo. Freeport	42	-	-	-	-	-	-	-	-	-
Hawk Contracting, Inc.												
Strip Permit No. 1259-5	Indiana	Up. Freeport	60	-	-	-	-	-	-	350,000	6,000	500**

District 39A

Operators and Mines	County	Geological Name of Coal Bed	Seam	Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used					
						Shaft	Slope	Drift	Lamps Used	:	:	:	:	:	:	:	
Hawk Contracting, Inc. (continued)	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Head Coal Co.	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kent Coal Mining Co.	Indiana	Up. Freeport	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kravetsky, Charles	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Pittsburgh	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mears Coal Co.	Indiana	Up. Freeport	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co.	Indiana	Lo. Freeport	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-808	Indiana	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																	
381,472																	
10,148																	

District 39A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible (Name)		
				Shaft	Slope	Drift	Lamps Used						
			Inches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	Electric	Ammonium Nitrate	Dynamite
Old Home Manor, Inc.	Indiana	Up. Freeport	45									-	-
	Indiana	Up. Freeport	32									-	-
	Indiana	Up. Freeport	45									435,230	-
	Indiana	Up. Freeport	39									18,480	-
	Indiana	Up. Freeport	45									-	-
	Indiana	Lo. Kittanning	60									-	-
									Total			453,710	-
Pelbro Fuel, Inc.	Indiana	Lo. Kittanning	44									51,600	3,480
	Indiana	Up. Kittanning	18									38,700	2,715
	Indiana	Lo. Kittanning	44									42,500	2,975
	Indiana	Lo. Kittanning	44									-	-
										Total			132,800
R & L Development Co.	Indiana	Pittsburgh	90									-	-
	Indiana	Lo. Kittanning	36									-	-
	Indiana	Pittsburgh	84									-	-
	Indiana	Lo. Kittanning	43									125,560	38,367
	Indiana	Pittsburgh	84									-	-
									Total			125,560	38,367
Simpson, Marshall J.	Indiana	Pittsburgh	84									15,300	269
	Indiana	Pittsburgh	96									-	-
	Indiana	Pittsburgh	96									-	-
	Indiana	Pittsburgh	84									944,330	14,925
	Indiana	-	-									-	-
									District Total			6,504,299	331,265
													6,865

* B-Mix
 ** Primer
 # Slurry

District 40

	County	Name of Coal Bed	Geological Seam	Height of Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
					: Shaft	: Slope	: Drift	: Lamps	: Type		: Flame	: Ammonium Nitrate	: Other
					Depth	Length	Degrees	Open	Safety				
<u>Operators and Mines</u>													
BML Enterprises, Inc.													
Strip Permit No. 1143-5	Somerset	M. Kitt. & Rider	36-18	-	-	-	-	-	-	-	249,876	-	20,025*
Beacon Coal Co., C. Edward													
Strip Permit No. 1211-3	Somerset	Lo. Freeport	16	-	-	-	-	-	-	-	-	-	-
Better Mining, Inc.													
Strip Permit No. 1220-5	Somerset	U.&L.Free.&U.Kitt.	34	-	-	-	-	-	-	-	115,000	515	-
Strip Permit No. 1220-7	Somerset	U.&L.Free.&U.Kitt.	34	-	-	-	-	-	-	-	10,000	50	-
Strip Permit No. 1220-8	Somerset	U.&L.Free.&U.Kitt.	34	-	-	-	-	-	-	-	125,000	560	-
<u>Total</u>													
Boondown Coal Co., Inc.													
Strip Permit No. 1282-4	Somerset	Up. Kittanning	30	-	-	-	-	-	-	-	15,350	-	12,519**
Strip Permit No. 1282-5	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	53,075	-	1,300**
<u>Total</u>													
											68,425	-	13,819
Brawal Mining, Inc.													
Strip Permit No. 1372-1	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1372-2	Somerset	Up. Freeport	50	-	-	-	-	-	-	-	44,175	1,325	-
Strip Permit No. 1372-3	Somerset	Up. Freeport	50	-	-	-	-	-	-	-	132,525	3,975	-
Auger-BAM-873 & 882	Somerset	Up. Freeport	50	-	-	-	-	-	-	-	-	-	-
<u>Total</u>													
											176,700	5,300	-
Coal Junction Coal Co.													
Strip Permit No. 45-12	Somerset	Mahoning	45	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 45-13	Somerset	Up.&Lo. Free.	60	-	-	-	-	-	-	-	502,410	2,800	1,534
Strip Permit No. 45-14	Somerset	Lo. Freeport	18	-	-	-	-	-	-	-	251,205	1,400	766
Strip Permit No. 45-15	Somerset	Lo. Freeport	18	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 45-16	Somerset	Up. Kittanning	48	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 45-17	Somerset	Up. Freeport	48	-	-	-	-	-	-	-	169,750	1,400	766
Strip Permit No. 670-3	Somerset	Up. Freeport	48	-	-	-	-	-	-	-	55,800	167	-
Strip Permit No. 670-4	Somerset	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
<u>Total</u>													
											979,165	5,767	3,066
Croner, Inc.													
Strip Permit No. 148-16	Somerset	Lo. Freeport	34	-	-	-	-	-	-	-	354,861	1,928	-
Strip Permit No. 148-21	Somerset	Lo. Freeport	40	-	-	-	-	-	-	-	77,882	423	-
<u>Total</u>													
											432,743	2,351	-
Doraville Enterprises													
Strip Permit No. 670-3 & 4	Somerset	Up. Freeport	32	-	-	-	-	-	-	-	233,890	6,650	-

District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
				Shaft	Slope	Drift	Lamps	Used			
Drummond Coal Co., Inc. Strip Permit No. 1635-1 Strip Permit No. 1635-2	Somerset Somerset	Lo. Freeport Up. Freeport	60 32	-	-	-	-	-	-	86,091 111,804 197,895	12,732 15,933 28,665
Fetterolf Coal Co., Inc., M.F. Strip Permit No. 216-32 Strip Permit No. 216-39 Strip Permit No. 216-48	Somerset Somerset Somerset	Mid.&Lo. Kitt. Up. Free. & Rider Up.&Lo. Kitt.	12-36 38 60-42	-	-	-	-	-	Total	39,672 750,407 790,079	2,645 4,847 7,492
Godin & Goden Coal, Inc. Strip Permit No. 976-4 Strip Permit No. 976-6 Strip Permit No. 976-7	Somerset Somerset Somerset	Up. Kittanning Lo. Kittanning Up. Kittanning	60 60 42	-	-	-	-	-	Total	234,825 33,500 268,325	- 6,614 7,414
Glessner Mines Strip Permit No. 1612-3 Gray Mining Co., Inc. Strip Permit No. 1475-1(1A&2) Wayse Coal Co., M.E. Strip Permit No. 1764-1 McClintock, J. Lloyd Strip Permit No. 117-3 MetGo Mining & Minerals, Inc. Strip Permit No. 1312-2 Strip Permit No. 1312-5	Somerset Somerset Somerset Somerset Somerset Somerset Somerset	Up. Freeport Lo. & Up. Kitt. Up. Freeport Up. & Lo. Free. Bakerstown Mid. Kittanning	24 36 75 24 24 24	-	-	-	-	-	Total	- 331,902 77,172 48,629 62,670 9,100 71,770	- 13,986 3,000 - 12,396 1,000 13,396
North Cambria Fuel Co. Strip Permit No. 10-42 PBS Coals, Inc. Strip Permit No. 222-19 Strip Permit No. 222-20 Strip Permit No. 222-22A Auger-BAN-923	Somerset Somerset Somerset Somerset Somerset	Lo. & Mid. Kitt. Up. & Lo. Free. U. & L. Free. 30-32-36 Up. Kittanning L. Kitt. Rider & Up. Kittanning 40-14-18 Lo. Kittanning	32 36 36 36	-	-	-	-	-	Total	- 1,578,132 175,348 1,296,603 3,050,083	- 45,297 5,033 40,353 90,683
Penn Somerset Corp. Strip Permit No. 906-6	Somerset	Lo. & Up. Free.	24-36	-	-	-	-	-	Total	-	-

District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		
				Shaft :	Slope :	Drift :	Lamps Used :	: Flame :	: Elec- :	: Ammonium Nitrate :	Dynamite :	Other Permissible (Name)
Ram Construction Co.												
Strip Permit No. 1212-2	Somerset	Up. Freeport	12	-	-	-	-	-	-	50,000	1,000	-
Star Coal Co.												
Strip Permit No. 554-3	Somerset	Up. Kittanning	45	-	-	-	-	-	-	-	-	-
Star Minerals Co.												
Strip Permit No. 884-1	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-	-
Summit Mines, Inc.												
Strip Permit No. 1860-1	Somerset	Lo. Freeport	32	-	-	-	-	-	-	1,328,544	3,578	46,079*
Svonavec, Inc.												
Strip Permit No. 553-9(A2&3)	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 553-10	Somerset	Up. Freeport	36	-	-	-	-	-	-	247,600	2,310	-
Strip Permit No. 553-12	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 553-14	Somerset	Up. Freeport	47	-	-	-	-	-	-	256,296	2,430	-
Strip Permit No. 553-15	Somerset	Up. Freeport	30	-	-	-	-	-	-	112,000	1,050	-
Strip Permit No. 553-16	Somerset	Up. Freeport	59	-	-	-	-	-	-	117,288	1,125	-
Strip Permit No. 553-17	Somerset	Up. Freeport	48	-	-	-	-	-	-	248,608	2,315	-
							Total			981,792	9,230	-
Yellow Run Coal Co.												
Strip Permit No. 1646-1	Somerset	Up. & Lo. Freeport	24-21	-	-	-	-	-	-	9,545	100	-
							District Total			9,471,535	199,177	88,039

* Tovex

** Slurry

District 40A

American Mining												
Strip Permit No. 1464-1	Somerset	Up. Freeport	27	-	-	-	-	-	-	66,360	1,827	-
Bittner Coal Co.												
Strip Permit No. 1249-1 & 2	Somerset	Pittsburgh	24	-	-	-	-	-	-	-	-	-
Bituminous Coals, Inc.												
Strip Permit No. 1817-1	Somerset	Up. Free.	27	-	-	-	-	-	-	-	-	-
Black Diamond Coal Co.												
Strip Permit No. 825-1(A)	Somerset	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-

District 40A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite	Other
Inches:Depth:Length:Degrees:Drift:Nonpassous:Open:Safety:Electric												
Blue Lick Coal Co., Inc. Strip Permit No. 1657-2 Strip Permit No. 1657-4	Somerset Somerset	Pgh. & Morantown Morantown	70-42 36	-	-	-	-	-	-	397,260 236,601	6,465 3,001	-
									Total	633,861	9,466	-
Brant Mining Co., C. Strip Permit No. 610-2	Somerset	Mid. Kittanning	30	-	-	-	-	-	-	2,700	50	-
Burnham Coal Co. Strip Permit No. 1279-3 (C) A C & O Coal Co.	Somerset	Up. & Lo. Kitt.	18-30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1084-2 Strip Permit No. 1084-3	Somerset Somerset	Brushcreek Up. Freeport	24 28	-	-	-	-	-	-	-	-	-
									Total	-	15,975	-
Cardinal Mining Co. Strip Permit No. 618-3 & 3A Croner, Inc.	Somerset	Lo. Freeport	36	-	-	-	-	-	-	146,000	-	-
Strip Permit No. 148-2 Strip Permit No. 148-18 Strip Permit No. 148-24 Strip Permit No. 148-25 Strip Permit No. 148-26	Somerset Somerset Somerset Somerset Somerset	Pittsburgh Up. Freeport Redstone Up. Kittanning Redstone	42 36 48 33 48	-	-	-	-	-	-	104,510 216,371 752,146 532,514 121,736	568 1,175 4,086 2,893 642	-
									Total	1,727,277	9,364	-
Delta Mining, Inc. Strip Permit No. 1200-3 Strip Permit No. 1200-4	Somerset Somerset	Up. Freeport Pittsburgh	24 40	-	-	-	-	-	-	42,350	36,076	-
									Total	42,350	36,076	-
East Ridge Mining, Inc. Strip Permit No. 720-4 Auger-BAN-840	Somerset Somerset	Wellersburg Federal Hill Wellersburg	32 18 32	-	-	-	-	-	-	51,250	700	2,700*
									Total	51,250	700	2,700
Fetterolf Coal Co., Inc., M.F. Strip Permit No. 216-29 Strip Permit No. 216-31 Strip Permit No. 216-33 & 46	Somerset Somerset Somerset	Lo. Freeport L.M. & L. Kitt. Lo. & Up. Free.	28 40-22-30 20-26	-	-	-	-	-	-	362,880 161,156	2,677 2,700	-
									Total	524,036	5,377	-
Fintel Coal Co., Inc. Strip Permit No. 1754-1	Somerset	Up. Kittanning	32	-	-	-	-	-	-	-	59,000	-

District 40A

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps Used	: Flame	: Elec	Ammonium Nitrate	Dynamite	Other Permissible
Inches:Depth	Degrees	Drift	Nongaseous	Open	Safety	Electric						(Name)
S & S Coal Co.	Somerset	Brookville	42	-	-	-	-	-	-	50,000	1,000	-
Strip Permit No. 534-7												
Santer Brothers Coal Co.	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 308-20												
Scurfield Coal, Inc.	Somerset	Brushcreek	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 256-11												
Strip Permit No. 256-12	Somerset	Lo. Kittanning	48	-	-	-	-	-	-	-	-	-
Strip Permit No. 256-12												
Shaffer, Walter F.	Somerset	Up. Freeport	56	-	-	-	-	-	-	-	62,371	-
Strip Permit No. 776-2												
Slifco Brothers Coal Co.	Somerset	Mid. Kittanning	46	-	-	-	-	-	-	-	-	-
Strip Permit No. 257-1												
Soberdash Coal & Coke Co.	Somerset	Brookville	42	-	-	-	-	-	-	50,000	1,000	-
Strip Permit No. 111-46 & 54												
Star Coal Co.	Somerset	Up. Kittanning	22	-	-	-	-	-	-	-	-	-
Strip Permit No. 554-2												
Summit Coal & Contracting, Inc.	Somerset	U. & L. Clarysville	30-45	-	-	-	-	-	-	61,429	1,494	-
Strip Permit No. 1724-1												
Special Project No. 461	Somerset	Pittsburgh	105	-	-	-	-	-	-	-	-	-
Special Project No. 486	Somerset	Pittsburgh	60	-	-	-	-	-	-	-	-	-
Sun Coal Co.	Somerset	Lo. Bakerstown	24-30	-	-	-	-	-	-	61,429	1,494	-
Strip Permit No. 1441-2, 3, 5 & 6												
Three S Coal Co.	Somerset	Wellersburg	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 824-4												
Strip Permit No. 824-6	Somerset	Pgh & Morantown	36	-	-	-	-	-	-	10,000	-	-
Walker, Robert H.	Somerset	Mid. Kittanning	30	-	-	-	-	-	-	55,768	-	5,330**
Strip Permit No. 1474-1												
Will's Construction Co.	Somerset	Up. Kittanning	34	-	-	-	-	-	-	-	-	-
Strip Permit No. 1841-1												
District Total										7,988,943	242,398	8,030

* Slurry

** Tovex

District 41

Operators and Mines	County	Kind of Opening			Number and Type			Pounds of Explosives Used		
		Shaft	Slope	Drift	Lamps Used					Other
Geological		Height of								Permissible
Name		Seam								Dynamic (Name)
Inches:Depth:Length:Degrees:Drift:Nongaseous:Open:Safety:tric										
Lo. Kitt. Rider	Somerset	24	-	-	-	-	-	269,125	3,850	-
& Mid. Kitt.		20	-	-	-	-	-	269,125	3,850	-
					Total					
Brushcreek	Somerset	28	-	-	-	-	-	**	**	-
Lo. Kitt. & Rider 52-23	Somerset							-	-	-
Lo. Kitt. & Rider 52-23	Somerset							-	-	-
Lo. Kitt. & Rider 52-23	Somerset							-	-	-
Lo. Kitt. & Rider 52-23	Somerset							200,901	5,550	-
Lo. Kitt. & Rider 52-23	Somerset							-	-	-
					Total			200,901	5,550	-
Mid. Kittanning	Somerset	32	-	-	-	-	-	-	-	-
Lo. & Up. Freeport	Somerset	24	-	-	-	-	-	255,433	6,581	-
Mid. Kittanning	Somerset	18						64,440	1,200	-
Mid. Kittanning	Somerset	26						130,613	5,275	-
Mid. Kittanning	Somerset	26						37,280	425	-
Mid. Kittanning	Somerset	24						137,098	5,325	-
Lo. Freeport	Somerset	22						74,280	1,600	-
Lo. Kittanning	Somerset	18						34,786	1,050	-
					Total			478,497	14,875	-
Lasker Construction Co., Inc.										
Lasky-Mercer		30								
Rider No. 1		18								
Rider No. 2	Somerset	16	-	-	-	-	-	699,870	33,900	-
Brookville		36								
Clarion		32								
Lo. Kittanning	Somerset	23	-	-	-	-	-	42,100	-	-
Bakerstown	Somerset	24	-	-	-	-	-	68,245	13,236	5,050#
Lo. & Up. Free.	Somerset	25-24								
Up. Kittanning	Somerset	42						1,109,393	43,501	-
								-	-	-

District 41

	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :		Number and Type :		Pounds of Explosives Used :		
				Shaft :	Slope :	Drift :	Lamps Used :	Ammonium Nitrate :	Dynamite :	Other Permissible :
Operators and Mines										
PWS Coals, Inc. (continued)										
Strip Permit No. 222-21	Somerset	U. Kitt., 48-24-24	24	-	-	-	-	1,507,104	28,071	-
Strip Permit No. 222-25	Somerset	L. & U. Free.	18-24	-	-	-	-	76,520	1,990	-
Strip Permit No. 222-28	Somerset	Mid. Kitt.	36	-	-	-	-	27,011	2,251	-
		Lo. Free.					Total	2,720,028	75,813	-
Penn Somerset Corp.										
Strip Permit No. 906-9	Somerset	Up. Bakerstown	24	-	-	-	-	-	-	-
Schmidt Coal Co., William										
Strip Permit No. 1531-1	Somerset	Lo. Kittanning	60	-	-	-	-	-	-	-
Scurfield Coal, Inc.										
Strip Permit No. 256-8	Somerset	Up. Freeport	30	-	-	-	-	162,905	880	-
Strip Permit No. 256-10	Somerset	Lo. Freeport	33	-	-	-	-	-	-	-
		Up. Kittanning	44	-	-	-	-	-	-	-
		Up. & Lo. Free.	30	-	-	-	-	108,608	587	-
							Total	271,513	1,467	-
Shade Mining Co.										
Strip Permit No. 1179-5	Somerset	Lo. Free. & U. Kitt.	30-36	-	-	-	-	240,925	7,130	25,825##
Strip Permit No. 1179-6	Somerset	Lo. & Up. Kitt.	66-32	-	-	-	-	96,400	1,135	-
Strip Permit No. 1179-7	Somerset	Lo. Kittanning	72	-	-	-	-	185,350	1,695	-
Strip Permit No. 1179-8	Somerset	U. Kitt. & L. Free.	28-28	-	-	-	-	158,640	2,620	-
							Total	681,315	12,580	25,825
Shaffer, Myron										
Strip Permit No. 359-5	Somerset	Lo. Freeport	20	-	-	-	-	-	-	-
Strip Permit No. 359-6A	Somerset	Up. Freeport	28	-	-	-	-	-	-	-
Auger-BAM-852	Somerset	Lo. Freeport	20	-	-	-	-	-	-	-
Summit Mining, Inc.										
Strip Permit No. 1860-2	Somerset	Up. Kittanning	32	-	-	-	-	133,152	542	4,238@
Strip Permit No. 1860-3	Somerset	Up. Kittanning	32	-	-	-	-	654,819	8,781	69,574@
							Total	787,971	9,323	73,812
Three S Coal Co.										
Strip Permit No. 824-1	Somerset	Up. Freeport	30	-	-	-	-	56,327	2,120	2,475
Strip Permit No. 824-2	Somerset	Up. Freeport	72	-	-	-	-	1,575	150	-
Strip Permit No. 824-5	Somerset	Up. Freeport	72	-	-	-	-	122,923	3,525	14,775
Strip Permit No. 824-8	Somerset	Up. Freeport	36	-	-	-	-	180,825	5,795	17,250
							Total			

District 41

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening		Number and Type	Pounds of Explosives Used		
									Shaft	Slope	Lamps Used	Ammonium Nitrate	Dynamite	Other Permissible (Name)
W W Coal Co.	Somerset	Up. Freeport	36									-	-	-
	Somerset	Mid. Kittanning	48									-	-	-
	Somerset	Up. Freeport	46									13,200	88	88
	Somerset	Lo. & Up. Kitt.	56									243,250	3,802	962
	Somerset	Up. Kittanning	36									-	-	-
Total												256,450	3,890	1,050
Winder High Standard Coal Co.	Somerset	Lo. & Mid. Kitt & U. Kitt. & L. Free.	30									-	-	-
	Somerset	Up. & Lo. Kitt.	30									93,984	21,723	-
	Somerset	Lo. & Up. Free.	30									50,596	850	-
	Somerset	Lo. Freeport	30									104,113	3,225	-
	Somerset	Lo. Kittanning	30									8,250	800	-
Total												256,943	26,598	-
Yantus, Steve	Somerset	Lo. Kittanning	48									24,000	2,700	-
	Somerset	Up. Kittanning	30									178,200	2,700	-
District Total												10,775,624	369,883	131,327

* Dynamite and Slurry
 ** Blasting Sub-contracted
 @ Brushcreek-18"
 Up. Freeport-24"
 Lo. Freeport-24"
 Up. Kittanning-48"
 Mid. Kittanning-36"
 Lo. Kittanning-72"
 # Slurry
 ## Slurmit
 @@ Tovex

District 42

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
					Shaft	Slope	Drift	Lamps Used	Other	Permissible	Ammonium Nitrate	Dynamite	Other
					Depth	Length	Degrees	Drift	Caseous or	Flame	Electric	Open	Safety
Ace Drilling Coal Co., Inc.													
Strip Permit No. 218-12	Cambria	Lo. & Mid. Kitt.	50-36										
Strip Permit No. 218-14	Cambria	Lo. & Mid. Kitt.	54-36										
Strip Permit No. 218-17	Cambria	Lo. & Mid. Kitt.	47-36									369,250	6,000
Strip Permit No. 218-18	Cambria	Lo. Freeport	30									73,850	1,200
Strip Permit No. 218-19	Cambria	Lo. & Mid. Kitt.	51-36									73,850	1,200
Strip Permit No. 218-20	Cambria	Lo. & Mid. Kitt.	54-36										
Strip Permit No. 218-22	Cambria	Lo. & Up. Kitt.	46-36									221,550	3,600
Strip Permit No. 218-24	Cambria	Lo. & Up. Kitt.	46-36									104,000	1,500
												842,500	13,500
												Total	
Bender Coal Co., E.P.													
Strip Permit No. 593-10	Cambria	Up. Freeport	38										
Strip Permit No. 593-14	Cambria	Lo. Freeport	36									764,655	127,950
Strip Permit No. 593-16	Cambria	Mid. Kittanning	34										
Strip Permit No. 593-20	Cambria	Lo. Free. & Kitt.	18-22										
Benjamin Coal Co.													
Strip Permit No. 64-122	Cambria	Lo. Freeport	30									517,090	4,965
Bentley Coal Co., Inc.													
Strip Permit No. 938-4 Refuse	Cambria	-	-										
Best Resources													
Strip Permit No. 1628-2	Cambria	Lo. Freeport	48										
Cambria Coal Co.													
Strip Permit No. 1206-4	Cambria	Lo. Clarion	40									1,418,636	19,987
Strip Permit No. 1206-5	Cambria	Up. Freeport	30									544,934	9,495
Strip Permit No. 1206-6	Cambria	Lo. Freeport	36									637,864	12,238
Strip Permit No. 1206-10	Cambria	Up. Freeport	33									847,736	11,651
Strip Permit No. 1206-12	Cambria	Up. & Lo. Free.	23-36									284,103	5,529
Strip Permit No. 1206-18	Cambria	Up. & Lo. Free.	24-32									112,711	1,122
Strip Permit No. 1206-24	Cambria	Lo. Freeport	36									387,010	-
Auger-BAN-803	Cambria	Up. Freeport	30										
												Total	
												4,295,994	60,022
Cambria Mills Coal Co., Inc.													
Strip Permit No. 548-7	Cambria	Up. Freeport	30										
Coal Utilities Corp													
Strip Permit No. 219-8(A4)	Cambria	Up. Kittanning	36										
Strip Permit No. 219-9(A)	Cambria	Up. Kittanning	36										

District 42

	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible	Dynamite (Name)
						Shaft	Slope	Drift	Lamps Used					
Operators and Mines														
Coal Utilities Corp. (continued)														
Strip Permit No. 219-9(A2)	Cambria	Up. Kittanning	37	-	-	-	-	-	-	-	-	168,800	38,199	-
Strip Permit No. 1120-4	Cambria	Up. Freeport	38	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1120-5	Cambria	Up. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
Cooney Brothers Coal Co.														
Strip Permit No. 238-1	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-	240,000	600	-
Strip Permit No. 238-2	Cambria	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 238-3	Cambria	Brookville	36	-	-	-	-	-	-	-	-	1,600,000	3,500	-
Strip Permit No. 238-10	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	200,000	1,000	-
Strip Permit No. 238-14	Cambria	Up. Freeport	48	-	-	-	-	-	-	-	-	280,000	900	-
Strip Permit No. 238-15	Cambria	Brookville	30	-	-	-	-	-	-	-	-	360,000	1,200	-
Strip Permit No. 238-16	Cambria	Lo. Kittanning	40	-	-	-	-	-	-	-	-	220,000	900	-
Strip Permit No. 238-17	Cambria	Brookville	30	-	-	-	-	-	-	-	-	420,000	3,000	-
Strip Permit No. 238-18	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	300,000	1,500	-
Strip Permit No. 238-19	Cambria	Brookville	28	-	-	-	-	-	-	-	-	240,000	900	-
Strip Permit No. 238-20	Cambria	Brookville	28	-	-	-	-	-	-	-	-	340,000	1,800	-
Strip Permit No. 238-22	Cambria	Up. Kittanning	36	-	-	-	-	-	-	-	-	200,000	900	-
Total											4,400,000	16,200	-	-
Fran Contracting, Inc.														
Strip Permit No. 38-13A	Cambria	Lo. Kittanning	30	-	-	-	-	-	-	-	-	2,500	-	-
Strip Permit No. 1073-11	Cambria	Lo. Kittanning	26	-	-	-	-	-	-	-	-	7,421	185	-
Strip Permit No. 1073-11	Cambria	Lo. Kittanning	26	-	-	-	-	-	-	-	-	8,540	192	-
Strip Permit No. 1073-11A	Cambria	Lo. Kittanning	26	-	-	-	-	-	-	-	-	12,000	120	-
Total											30,461	497	-	-
GNK Co.														
Strip Permit No. 946-2 Refuse	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Halstock, Inc.														
Strip Permit No. 1641-1	Cambria	Lo. Kittanning	28	-	-	-	-	-	-	-	-	106,075	1,850	-
Interstate Fuels Co., Inc.														
Strip Permit No. 1575-1 & 2	Cambria	Up. & Lo. Free.	36-24	-	-	-	-	-	-	-	-	31,285	1,545	-
Kolak, John	Cambria	Up. Kitt.	60	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1433-1 & 2	Cambria	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-
Lawrence Resources														
Strip Permit No. 1619-1	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-	153,385	16,086	-
Lechene Coal Co., Inc.														
Strip Permit No. 892-1,2,3&4	Cambria	Up. Kittanning	30	-	-	-	-	-	-	-	-	339,239	1,992	5,900*

District 42

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permits-sible (Name)
				Shaft	Slope	Drift	Lamps	Used			
Lovell, Allan E.	Cambria	Brookville Rider	12	-	-	-	-	-	-	-	-
Strip Permit No. 1292-1											
M & K Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 747-1Refuse											
M & M Mining, Inc.	Cambria	Lo. Kittanning	44	-	-	-	-	-	-	-	-
Strip Permit No. 1207-8, 9 & 10											
Mazzarella Coal Co.	Cambria	Lo. Freeport	38	-	-	-	-	-	-	-	-
Strip Permit No. 1773-1											
North Cambria Fuel Co.	Cambria	Up. & Lo. Kitt.	48	-	-	-	-	-	24,750	300	-
Strip Permit No. 10-37											
Peles Coal Co., Inc.	Cambria	Lo. Freeport	42	-	-	-	-	-	60,000	10,000	-
Strip Permit No. 612-5											
Pennsylvania Energy Corp.	Cambria	Up. Freeport	42	-	-	-	-	-	-	-	-
Strip Permit No. 921-2											
Ridge Mining Co.	Cambria	Lo. Kittanning	32	-	-	-	-	-	764,655	127,950	-
Strip Permit No. 654-1											
Swistock & George	Cambria	Up. Freeport	23	-	-	-	-	-	-	-	-
Strip Permit No. 1638-3											
Universal Minerals, Inc.	Cambria	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1116-1,3,4 Refuse											
Wesott, Inc.	Cambria	Up. Freeport	42	-	-	-	-	-	21,320	275	-
Strip Permit No. 1465-3									-	-	-
Strip Permit No. 1465-4									21,320	275	-
Yellow Run Energy Corp.	Cambria	Up. Freeport	32	-	-	-	-	-	-	-	-
Strip Permit No. 1201-3											
District Total										12,520,209	421,331
Total										21,320	275

* Detagel

District 43

	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth:Length:Degrees:Drift:Nongaseous:Open:Safety:Flame:Elec:Ammonium Nitrate	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible Dynamite (Name)
					:Shaft:	:Slope:	:Drift:	:Lamps:	:Used:	:	:	:	:	
Operators and Mines														
Anderson Creek Coal & Clay Co.														
Strip Permit No. 547-4	Clearfield	Brookville	46	-	-	-	-	-	-	-	375,000	-	-	-
Arcadia Co., Inc., The														
Strip Permit No. 164-23 & 24	Clearfield	Lo. Freeport & Up. & Mid. Kitt.	28	-	-	-	-	-	-	-	252,144	1,824	-	-
Avery Coal Co., Inc.														
Strip Permit No. 584-16	Clearfield	Up. & Lo. Kitt.	18	-	-	-	-	-	-	-	24,000	12,500	-	-
Benjamin Coal Co.														
Strip Permit No. 64-111	Clearfield	Lo. & Up.Free., Rider	24								3,527,960	33,870	-	-
Strip Permit No. 64-118	Clearfield	Up. & Mid. Kitt.	22								19,690	190	-	-
Strip Permit No. 64-120	Clearfield	Mid. Kittanning	24								63,745	610	-	-
Strip Permit No. 64-144 & 145	Clearfield	Lo. & Up. Free.	23								554,975	5,330	-	-
Strip Permit No. 64-147	Clearfield	Brookville	22	-	-	-	-	-	-	-	36,775	350	-	-
Strip Permit No. 64-168	Clearfield	Lo. & Up. Free.	30								211,950	2,035	-	-
Strip Permit No. 64-170	Clearfield	Lo. Freeport	20								361,450	3,470	-	-
Strip Permit No. 64-174	Clearfield	Lo. & Up. Free.	24								575,190	5,520	-	-
Strip Permit No. 64-180	Clearfield	L.&U.Free., Rider	24								273,198	2,620	-	-
Strip Permit No. 64-184	Clearfield	Lo. & Up. Free.	23								647,300	6,210	-	-
									Total		6,272,233	60,205	-	-
Cambria Coal Co.														
Strip Permit No. 1206-9	Clearfield	Up. & Lo. Free.	24								929,192	8,671	-	-
Strip Permit No. 1206-15	Clearfield	Up. & Lo. Free.	48								580,280	7,971	-	-
Strip Permit No. 1206-25	Clearfield	Up. & Lo. Free.	26								185,901	1,630	-	-
Strip Permit No. 1206-26	Clearfield	Mid. Kittanning	27	-	-	-	-	-	-	-	373,781	4,388	-	-
Strip Permit No. 1206-27	Clearfield	Up. & Lo. Free.	48								487,580	3,096	-	-
Strip Permit No. 1206-28	Clearfield	Up. & Lo. Free.	26								370,482	4,562	-	-
Auger-BAM-881	Clearfield	Up. & Lo. Free.	24								-	-	-	-
									Total		2,927,216	30,318	-	-
Cambria Mills Coal Co., Inc.														
Strip Permit No. 548-3 & 3A	Clearfield	Lo. & Up. Free.	30	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 548-8	Clearfield	Lo. & Up. Free.	30								997,255	8,175	-	-
									Total		997,255	8,175	-	-
Dominion International, Inc.														
Strip Permit No. 1683-1	Clearfield	Up. & Lo. Free.	22	-	-	-	-	-	-	-	598,400	21,770	-	-
Elliot Coal Mining Co., Inc.														
Strip Permit No. 59-26	Clearfield	Mid.&Lo. Free.	24	-	-	-	-	-	-	-	137,575	2,720	-	-

District 43

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam Inches	Depth:Length:Degrees:Drift:Nongaseous:Open:Safety:Electric:Nitrate	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
					Shaft:	Slope	Drift:	Lamps	Used			
Empire Coal Co., Inc. Strip Permit No. 69-42	Clearfield	Brookville, Lo. Kitt.	28	-	-	-	-	-	-	2,510,940	24,105	-
Flango Brothers Coal, Inc. Strip Permit No. 161-10	Clearfield	Lo. & Up. Free.	18	-	-	-	-	-	-	191,663	7,350	-
Strip Permit No. 161-15	Clearfield	Lo. & Up. Free.	24	-	-	-	-	-	-	119,035	10,500	-
Strip Permit No. 161-16	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-
Strip Permit No. 161-18	Clearfield	Lo. Freeport	48	-	-	-	-	-	-	-	-	-
<hr/>												
H & T Coal Co. Strip Permit No. 1513-1	Clearfield	Moshannon	32	-	-	-	-	-	-	Total 310,698	17,850	-
<hr/>												
Hamlin Coal Co., Inc. Strip Permit No. 536-4	Clearfield	L. Free. & M. Kitt.	28	-	-	-	-	-	-	92,715	1,444	-
Strip Permit No. 536-8	Clearfield	Up. & Lo. Free.	29	-	-	-	-	-	-	181,644	2,829	-
Auger-BAM-696	Clearfield	-	-	-	-	-	-	-	-	-	-	-
<hr/>												
Head Coal Co. Strip Permit No. 124-10	Clearfield	Lo. Kittanning	38	-	-	-	-	-	-	Total 274,359	4,273	-
Hepburnia Coal Co. Strip Permit No. 14-43&43A	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	9,400	2,425	-
Strip Permit No. 14-51	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	39,675	850	-
Strip Permit No. 14-52	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	359,696	10,982	-
Strip Permit No. 14-54	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	796,073	19,277	-
Strip Permit No. 14-58	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	359,697	10,982	-
Strip Permit No. 14-59	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	205,016	2,100	-
Strip Permit No. 14-65	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	145,291	6,260	-
<hr/>												
Iracca Coal Co., Joe G. Strip Permit No. 1675-2	Clearfield	Up. Free.	46	-	-	-	-	-	-	Total 1,905,448	50,451	-
K & J Coal Co., Inc. Strip Permit No. 56-8, 19 & 44	Clearfield	Up. & Lo. Free.	20-18	-	-	-	-	-	-	226,360	6,425	-
Kann Coal Co., Inc. Strip Permit No. 621-6 & Strip Permit No. 1714-1,2,569	Clearfield	U. M. & L. Kitt. 48-21-48	48-21-48	-	-	-	-	-	-	8,560,275	69,475	10,748g 623,860g@
Kasubick Brothers Coal Co. Strip Permit No. 185-3	Clearfield	Up. Freeport	30	-	-	-	-	-	-	4,602,331	220,067	-
<hr/>												
	Clearfield	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-

[illegible]

* Unigel
** B-Mix
Hercomt
G Extra
@ Primers
& Cartridges

District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Shaft	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible	Dynamite (Name)
										Slope	Slope	Drift	Lamps	Used						
Avery Coal Co., Inc. Strip Permit No. 584-19	Clearfield	Up. & Lo. Kitt.	18	-	-	-	-	-	-	-	-	-	-	-	-	290,000	30,000	-	-	-
Benjamin Coal Co. Strip Permit No. 64-133	Clearfield	Lo. & Up. Free.	24	-	-	-	-	-	-	-	-	-	-	-	-	627,880	6,030	-	-	-
Strip Permit No. 64-173	Clearfield	Up. Freeport	22	-	-	-	-	-	-	-	-	-	-	-	-	43,125	415	-	-	-
Strip Permit No. 64-193	Clearfield	Up. Freeport	24	-	-	-	-	-	-	-	-	-	-	-	-	226,720	2,180	-	-	-
Strip Permit No. 113-6	Clearfield	Up. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	374,930	3,600	-	-	-
																1,272,655	12,225	-	-	-
																Total				
Bowman, W.C. Strip Permit No. 1148-1	Clearfield	Mid. Kittanning	17	-	-	-	-	-	-	-	-	-	-	-	-	6,150	175	-	-	-
Bradford Coal Co., Inc. Strip Permit No. 61-26, 28&31	Clearfield	U., M. & L. Kitt.	15-40	-	-	-	-	-	-	-	-	-	-	-	-	551,684	19,754	-	-	-
Brown Co., Earl M. Strip Permit No. 104-21	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 104-22(A2)	Clearfield	Mid. & Up. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-	74,786	3,303	-	-	-
Strip Permit No. 104-23(A3)	Clearfield	Lo. & Mid. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-	25,018	241	-	-	-
Strip Permit No. 104-25(A5)	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	1,370,033	9,527	-	-	-
Strip Permit No. 104-26(A)	Clearfield	Brookville	20	-	-	-	-	-	-	-	-	-	-	-	-	182,470	3,469	-	-	-
Strip Permit No. 104-27	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	20,400	204	-	-	-
Strip Permit No. 104-28(A2)	Clearfield	Mid. & Up. Kitt.	20	-	-	-	-	-	-	-	-	-	-	-	-	126,568	7,639	-	-	-
Strip Permit No. 104-29	Clearfield	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-	-	28,432	2,361	-	-	-
Strip Permit No. 104-30	Clearfield	Mid. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-	22,236	510	-	-	-
Strip Permit No. 104-31	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	29,384	150	-	-	-
Strip Permit No. 104-34	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-	25,010	966	-	-	-
																1,904,337	28,370	-	-	-
																Total				
Cardinal Coal & Contracting Co. Strip Permit No. 1164-2	Clearfield	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1164-(A2)	Clearfield	Lo. Kitt.-Lo. Split	12	-	-	-	-	-	-	-	-	-	-	-	-	8,727	350	-	-	-
Strip Permit No. 1164-5	Clearfield	Lo. Kitt.-Lo. Split	12	-	-	-	-	-	-	-	-	-	-	-	-	120,646	1,500	-	-	-
																129,373	1,850	-	-	-
																Total				
Coal Hill Contracting Co., Inc. Strip Permit No. 1470-2	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	355,035	12,700	-	-	-
Gurtin Coal Co., Inc. Strip Permit No. 1616-1	Clearfield	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	-	240,346	9,450	-	-	402*
Edgren Coal Co. Strip Permit No. 1489-1	Clearfield	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

District 44

Operators and Mines		County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used			
					Shaft	Slope	Drift	Lamps Used	Flame	Electric	Ammonium Nitrate	Dynamite	Other	
Inches:Depth:Length:Degrees:Drift:Nongaseous:Open:Safety:tritic														
Elliot Coal Mining Co., Inc.														
Strip Permit No. 59-50	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	257,985	372	-	
Strip Permit No. 59-19	Clearfield	M., L. & L. Kitt.	24	-	-	-	-	-	-	-	511,665	2,086	-	
Strip Permit No. 59-22	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	411,997	3,335	-	
Strip Permit No. 59-28	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	33,600	4	-	
Strip Permit No. 59-29	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	321,890	2,417	-	
Strip Permit No. 59-33	Clearfield	Up. Kittanning	24	-	-	-	-	-	-	-	402,999	1,263	-	
Total											1,940,136	9,477	-	
Fahr Coal Co.														
Strip Permit No. 1352-1	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	51,150	1,850	-	
Fleck Construction Co., G.C.														
Strip Permit No. 1677-1	Clearfield	Moshannon	42	-	-	-	-	-	-	-	109,440	860	-	
Fran Contracting, Inc.														
Strip Permit No. 1073-6	Clearfield	M. Kitt. & Free.	16-24	-	-	-	-	-	-	-	310,000	1,325	-	
Strip Permit No. 1073-7	Clearfield	Lo. Kittanning	27	-	-	-	-	-	-	-	251,000	831	-	
Total											561,000	2,156	-	
Gallagher Coal Co.														
Strip Permit No. 371-1, 2, 3, & 4	Clearfield	Up. Freeport	36	-	-	-	-	-	-	-	144,000	2,400	-	
Graham Brothers Coal Co.														
Strip Permit No. 1314-1	Clearfield	Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 1314-3	Clearfield	Mercer	24	-	-	-	-	-	-	-	-	-	-	
Green Contracting, Richard D.														
Strip Permit No. 1188-1	Clearfield	Mid. & Up. Kitt.	30-18	-	-	-	-	-	-	-	310,742	300	-	
Hamer, Ardell B.														
Strip Permit No. 517-1	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 278-19	Clearfield	Lo. & Mid. Kitt.	25	-	-	-	-	-	-	-	142,750	541	16,696**	
Total											142,750	541	16,696	
Hamilton Contracting Co., Al														
Strip Permit No. 533-1, 8, 9	Clearfield	U., M. & L. Kitt.	15-40	-	-	-	-	-	-	-	1,411,199	50,751	-	
10, 11 & 17														
Hanslovan Coal Co., Inc., Ed														
Strip Permit No. 1157-2	Clearfield	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	
Harbison-Walker Refractories U.S.														
Strip Permit No. 266-4	Clearfield	Mid. Kittanning	0	-	-	-	-	-	-	-	-	-	-	
Holland, Arden W.														
Strip Permit No. 661-1A	Clearfield	Mid. Kittanning	34	-	-	-	-	-	-	-	329,920	5,150	-	
Jones Coal Co.														
Strip Permit No. 677-1	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	

District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Shaft:	Kind of Opening		Number and Type		Pounds of Explosives Used	Other Permissible
				Slope	Drift	Lamps Used			
			Seam	Length:Degrees	Drift:Noncaseous	Open:Safety	Electric	Ammonium Nitrate	Dynamite (Name)
K & J Coal Co., Inc. Strip Permit No. 56-36,39645	Clearfield	Lo. Kittanning	19	-	-	-	-	732,675	23,946 193,390##
Kasubick Brothers Coal Co. Strip Permit No. 185-1	Clearfield	Lo. Kittanning	20	-	-	-	-	9,200	810 -
Lansberry Coal & Excavating Co. Auger-BAM-860	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-
Long Coal Co., A.W. Strip Permit No. 663-1	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-
M & M Construction Co. Strip Permit No. 1266-1	Clearfield	Lo. Kittanning	16	-	-	-	-	1,320	950 -
Strip Permit No. 1266-4	Clearfield	Up. Freeport	20	-	-	-	-	1,320	950 -
McGovern Coal Co., Clair C. Strip Permit No. 440-3	Clearfield	Mercer	27	-	-	-	-	85,490	2,918 -
Penn Coal Co., Inc. Strip Permit No. 607-6	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-
Strip Permit No. 607-8	Clearfield	Mid. Kittanning	24	-	-	-	-	606,291	52,428 -
Strip Permit No. 607-9	Clearfield	Mercer	24	-	-	-	-	-	-
Strip Permit No. 607-11	Clearfield	Up. Kittanning	14	-	-	-	-	-	-
Strip Permit No. 607-14	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-
Strip Permit No. 607-16	Clearfield	Clarion	24	-	-	-	-	2,243	315 -
Pike Coal Co. Strip Permit No. 430-28	Clearfield	Mid. Kittanning	18	-	-	-	-	608,534	52,743 -
Strip Permit No. 430-29	Clearfield	Mid. Kittanning	20	-	-	-	-	297,211	2,052 -
Power Contracting Co., Inc. Strip Permit No. 1078-4	Clearfield	Up. Kittanning	12	-	-	-	-	156,995	1,761 -
Strip Permit No. 1078-8	Clearfield	Lo. Kittanning	36	-	-	-	-	454,206	3,813 -
Strip Permit No. 1078-12	Clearfield	Up. Kittanning	24	-	-	-	-	371,923	1,726 -
Reese, Oliver P. Strip Permit No. 1852-1	Clearfield	Mid. Kittanning	24	-	-	-	-	71,275	248 -
Reese Brothers Strip Permit No. 539-2	Clearfield	Clarion	15	-	-	-	-	109,175	713 -
Strip Permit No. 539-7(A)C	Clearfield	Lo. Kittanning	24	-	-	-	-	552,373	2,687 -
								6,042	60 -
								28,865	3,650 -
								305,804	12,450 -

District 44

	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :		Depth : Degrees	Drift :	Number and Type :				Pounds of Explosives Used	Other Permissible Dynamite (Name)
				Shaft :	Slope :			Lamps :	Used :	Flame :	Elec-Open:		
Reese Brothers (continued)													
Strip Permit No. 539-11	Clearfield	Clarion	27	-	-	-	-	-	-	-	-	246,042	9,850
Strip Permit No. 539-12	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	244,593	15,950
												825,304	41,900
													330*
													330
Roy Coal Co.													
Strip Permit No. 113-4	Clearfield	Mid. Kittanning	15-30	-	-	-	-	-	-	-	-	6,000	1,900
Ryan Brothers Coal Co.													
Strip Permit No. 31-10	Clearfield	Lo. & Up. Free.	26	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 31-11	Clearfield	Mid. Kittanning	16	-	-	-	-	-	-	-	-	-	-
Ryan Estate, William W.													
Strip Permit No. 1344-2	Clearfield	Up. & Lo. Kitt.	32	-	-	-	-	-	-	-	-	62,050	-
Stott Coal Co., Inc., James M.													1,645@
Strip Permit No. 278-16(A2)	Clearfield	Mid. Kitt., Clarion	22-36	-	-	-	-	-	-	-	-	221,395	-
Strip Permit No. 278-17A	Clearfield	& Brookville		-	-	-	-	-	-	-	-	520,168	-
Strip Permit No. 278-20	Clearfield	Up. Kittanning	12-30	-	-	-	-	-	-	-	-	399,124	-
												1,140,687	-
Swistock & George													
Strip Permit No. 1638-8	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	19,000	1,800
T. & T. Clay Co.													
Strip Permit No. 1126-2	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	15,872	3,855
Thompson Brothers Coal Co., Inc.													
Strip Permit No. 127-8	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	94,733	8,488
Strip Permit No. 127-10	Clearfield	Clarion, L. Kitt.	18	-	-	-	-	-	-	-	-	284,199	25,464
Strip Permit No. 127-11	Clearfield	Clarion, L. Kitt.	28	-	-	-	-	-	-	-	-	378,932	33,952
Strip Permit No. 127-12	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	244,691	45,399
Strip Permit No. 127-13	Clearfield	Lo. Kittanning	26	-	-	-	-	-	-	-	-	530,504	49,428
												1,533,059	169,731
Thompson Coal Co., Inc., John A.													
Strip Permit No. 492-1	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	926,659	9,100
Turner Coal Co., W.R.													
Strip Permit No. 1576-1	Clearfield	Mid. Kittanning	8-26	-	-	-	-	-	-	-	-	97,950	1,240
V & C Coal Co.													
Strip Permit No. 1632-1	Clearfield	Brookville	20	-	-	-	-	-	-	-	-	85,206	3,331
Waring Coal & Clay Co.													
Strip Permit No. 1472-1	Clearfield	Clarion	15	-	-	-	-	-	-	-	-	5,525	817

District 44

						Kind of Opening			Number and Type		
						: Shaft:	: Slope	: Drift:	: Lamps Used	Pounds of Explosives Used	
Geological Name	Height of	of	Scam	Inches:Depth	Length:Degrees	: Drift:	: Slope	: Drift:	: Lamps Used	: Flame :	: Elec-:
County	of Coal Bed					: Drift:	: Slope	: Drift:	: Lamps Used	: Flame :	: Elec-:
Operators and Mines						: Drift:	: Slope	: Drift:	: Lamps Used	: Flame :	: Elec-:
Winters Construction Co., Melvin											
Strip Permit No. 11-3A	Clearfield	Lo. Freeport	52	-	-	-	-	-	-	-	-
										38,040	250
										16,991,109	502,870
										District Total	226,941

* Gel-Power
 ** Slurry
 # Cast Primers
 ## Cartridges
 @ Pellite

District 45

Avery Coal Co., Inc.	Clearfield	Up. Freeport	29	-	-	-	-	-	-	-	-
Strip Permit No. 584-18										470,000	25,000
Benjamin Coal Co.	Clearfield	Lo. & Mid. Kitt.	25							545,190	5,230
Strip Permit No. 64-128	Clearfield	Lo. Kittanning	26	-	-	-	-	-	-	447,740	4,300
Strip Permit No. 64-136	Clearfield	Up. Freeport	29							428,635	4,115
Strip Permit No. 64-149										1,421,565	13,645
										Total	-
Cardinal Coal & Contracting Co.	Clearfield	Lo. Freeport	12							15,448	3,250
Strip Permit No. 1649-1	Clearfield	Up. Kittanning	14	-	-	-	-	-	-	2,700	45,785
Strip Permit No. 1649-1A	Clearfield	Up. & Mid. Kitt.	18							-	1,380
Strip Permit No. 1649-2	Clearfield	Up. & Lo. Kitt.	14-16							-	-
Strip Permit No. 1649-3										-	-
										Total	-
Carlin, Inc., R.S.	Clearfield	Mid. & Up. Kitt.	28	-	-	-	-	-	-	18,148	3,250
Strip Permit No. 134-7										603,585	8,070
Clearfield Limestone Corp.	Clearfield	Lo. & Mid. Kitt.	34	-	-	-	-	-	-	235,500	6,500
Strip Permit No. 258-5 & 6										-	-
Edmunds Contracting & Supply Co., Inc.	Clearfield	Up. Kittanning	22	-	-	-	-	-	-	716,494	10,374
Strip Permit No. 532-7 & 8										-	-
Glen Irvan Corp.	Clearfield	Up. Kittanning	33	-	-	-	-	-	-	762,450	-
Strip Permit No. 671-3										-	-
										175,255	-
Strip Permit No. 671-15A	Clearfield	Up. Kittanning	33							937,705	-
										Total	46,853

District 45

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible (Name)
				Shaft	Slope	Drift	Lamps Used	Flame	Elec.		
			Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Nitrate
Green Refractories Co., A.P.											
Strip Permit No. 624-1	Clearfield	Mercer	15	-	-	-	-	-	-	-	-
H D L Coal Co.											
Strip Permit No. 1762-1	Clearfield	L. Free. & U. Kitt.	25	-	-	-	-	-	-	11,160	624
Hamilton Contracting Co., A1											
Strip Permit No. 533-6, 12, 14 & 15	Clearfield	U. M. & L. Kitt.	15-40	-	-	-	-	-	-	8,594,499	30,898
Hanslovan Coal Co., Inc., Ed											
Strip Permit No. 1157-1	Clearfield	Clarion	18-20	-	-	-	-	-	-	-	346
Hill Coal Co.											
Strip Permit No. 1836-1	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	-
Strip Permit No. 1836-2	Clearfield	Mid. Kittanning	15	-	-	-	-	-	-	-	-
Strip Permit No. 1836-4	Clearfield	Up. & Mid. Kitt.	36-20	-	-	-	-	-	-	-	-
Ingram Coal Co.											
Strip Permit No. 1476-3	Clearfield	Mid. Kittanning	20	-	-	-	-	-	-	-	-
Johnson & Morgan											
Strip Permit No. 490-10	Clearfield	U. M. & L. Kitt.	24	-	-	-	-	-	-	17,425	41,348
K & J Coal Co., Inc.											
Strip Permit No. 56-46, 50652	Clearfield	Up. & Lo. Free.	36	-	-	-	-	-	-	1,265,375	22,988
Moshannon Falls Mining Co., Inc.											
Strip Permit No. 5-2, 3, 66	Clearfield	L. M. & U. Kitt.	8-32	-	-	-	-	-	-	1,266,843	7,167
Pike Coal Co.											
Strip Permit No. 430-32	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	262,215	3,132
Reese Coal Co., Inc., Philip											
Strip Permit No. 156-1C&2C	Clearfield	Up. & Lo. Kitt.	34	-	-	-	-	-	-	410,000	67,500
River Hill Coal Co., Inc.											
Strip Permit No. 20-29	Clearfield	Mid. & Up. Kitt.	30-22	-	-	-	-	-	-	189,000	-
Strip Permit No. 20-33	Clearfield	Mid. & Up. Kitt.	28-22	-	-	-	-	-	-	175,000	-
Strip Permit No. 20-38	Clearfield	Brookville	22	-	-	-	-	-	-	-	-
Strip Permit No. 20-45	Clearfield	Mid. & Up. Kitt.	28-14	-	-	-	-	-	-	76,000	-
Strip Permit No. 20-47	Clearfield	Mid. & Up. Kitt.	34-16	-	-	-	-	-	-	111,000	-
Strip Permit No. 20-48	Clearfield	Moshannon	38	-	-	-	-	-	-	2,800	-
Strip Permit No. 20-50	Clearfield	Mid. & Up. Kitt.	28-22	-	-	-	-	-	-	96,000	-
Strip Permit No. 20-73	Clearfield	Mid. & Up. Kitt.	28-22-32	-	-	-	-	-	-	93,700	-
Moshannon										743,500	-
Total											

District 45

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible	
				:Shaft:	:Slope:	:Drift:	:Lamps:	:Used:	:Flame:			:Elec-:Safety:
SRP Coal Co., Inc.												
Strip Permit No. 1230-1 & 3	Clearfield	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-
Strip Permit No. 1230-2 & 2A	Clearfield	Clarion-Mercer	16-32	-	-	-	-	-	-	-	19,780	7,304
Special Project No. 543	Clearfield	Mid. Kittanning	20	-	-	-	-	-	-	-	62,340	19,200
Strip Permit No. 30-46A	Clearfield	Lo. Freeport	28	-	-	-	-	-	-	-	-	445
Strip Permit No. 30-47	Clearfield	Lo. Kittanning	20	-	-	-	-	-	-	-	18,400	4,880
Total										100,520	31,384	616
Shawville Coal Co.												
Strip Permit No. 30-16	Clearfield	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-
Strip Permit No. 30-18	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	583,263	1,650
Strip Permit No. 30-19	Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	-	155,035	1,550
Strip Permit No. 30-30	Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	-	127,060	1,600
Strip Permit No. 30-36	Clearfield	U.M.&L.Kitt.	26	-	-	-	-	-	-	-	52,905	300
Strip Permit No. 30-37	Clearfield	Lo. & Mid. Kitt.	22	-	-	-	-	-	-	-	-	-
Strip Permit No. 30-38	Clearfield	Lo. Kittanning	32	-	-	-	-	-	-	-	11,300	-
Strip Permit No. 30-42	Clearfield	Lo. Kittanning	31	-	-	-	-	-	-	-	24,116	200
Strip Permit No. 30-45	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 30-49	Clearfield	Mid. Kittanning	29	-	-	-	-	-	-	-	31,745	600
Strip Permit No. 30-50	Clearfield	U.M.&L.Kitt.	30	-	-	-	-	-	-	-	167,484	4,645
Total										1,152,908	10,545	-
Shiloh Contracting Co.												
Strip Permit No. 1124-4	Clearfield	Lo. Kittanning	34	-	-	-	-	-	-	-	80,000	800
Simca Mining, Inc.												
Strip Permit No. 529-12	Clearfield	Lo. Freeport	22	-	-	-	-	-	-	-	881,605	31,540
Sky Haven Coal, Inc.												
Strip Permit No. 1812-1	Clearfield	Lo. Kittanning	32	-	-	-	-	-	-	-	528,330	245,820
Strip Permit No. 1812-2	Clearfield	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-
Strip Permit No. 1812-869	Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	-	297,381	138,364
Strip Permit No. 1812-12	Clearfield	Lo. & Mid. Kitt.	32	-	-	-	-	-	-	-	419,241	195,063
Strip Permit No. 1812-13	Clearfield	Lo. Freeport	30	-	-	-	-	-	-	-	435,261	202,517
Total										1,680,213	781,764	-
Swistock, Inc.												
Strip Permit No. 522-8	Clearfield	Up. Freeport	32	-	-	-	-	-	-	-	-	-
Swistock & George												
Strip Permit No. 1638-5	Clearfield	Lo. & Mid. Kitt.	18-26	-	-	-	-	-	-	-	220,890	14,746
Teeter Coal Co., John												
Strip Permit No. 147-6	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-

District 45

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Inches:Depth	Length:Degrees	Drift:Drift	Number and Type			Pounds of Explosives Used	Other Permissible
				Shaft:	Slope	Drift:				Lamps Used	:	:		
Teeter Coal Co., John (continued)														
Strip Permit No. 147-9	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	394,000	31,650
Strip Permit No. 147-10	Clearfield	Mid. Kittanning	30											
Marquier Coal Co.														
Strip Permit No. 1400-3	Clearfield	Lo. & Up. Free.	24-28	-	-	-	-	-	-	-	-	-	-	-
District Total													21,484,150	1,136,104
													311,060	

* Slurry
 ** 71,829 lbs. of R & L 445 and 17,050 lbs. of Anoid-A.
 # Pellite HD
 ## Cast Primer
 @ Cartridges

District 45A

Avery Coal Co., Inc.														
Strip Permit No. 584-13 & 14	Clearfield	Lo. Freeport	18-29	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 584-15 & 15A	Clearfield	U., M. & L. Kitt	21-22											
Becker, Blake Jr.		Mid. & Up. Kitt.												
Strip Permit No. 1367-7 & 9	Clearfield	L. Free. & U. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-
Benjamin Coal Co.														
Strip Permit No. 64-84	Clearfield	Lo. Kittanning	26										518,610	4,970
Strip Permit No. 64-142	Clearfield	Up. Kittanning	21										540,640	5,190
Strip Permit No. 64-143	Clearfield	L. & M. Kitt., Rider	29	-	-	-	-	-	-	-	-	-	1,396,620	13,410
Strip Permit No. 64-148	Clearfield	Mid. Kittanning	24										314,860	3,020
Strip Permit No. 64-160	Clearfield	Up. Freeport	24										124,380	1,195
Strip Permit No. 64-161	Clearfield	L., M. & L. Kitt.	24										602,570	5,785
Total													3,497,680	33,570
Bitumco Mining Co., Inc.														
Strip Permit No. 1819-1A	Clearfield	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	249,065	16,772
Compass Coal Co., Inc.														
Strip Permit No. 33-12	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	454,295	4,149

District 45A

	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used						
				:Shaft:	:Slope	:Drift:	:Lamps Used	:Flame :	:Elec-:Gaseous or:	:Open:Safety:	:Nitric	:Ammonium Nitrate	:Dynamite (Name)			
Operators and Mines																
Continental Coal Co.																
Strip Permit No. 1505-1	Clearfield	Up. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	-
France Refractories, Co., J.H.	Clearfield	Mercer	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 525-1	Clearfield	Lo. Kittanning	27	-	-	-	-	-	-	-	-	-	-	-	-	-
Glen Irvan Corp.	Clearfield	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 671-2	Clearfield	Up. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 671-14	Clearfield	Brookville	18	-	-	-	-	-	-	-	-	-	-	-	-	-
H. A. Enterprises, Inc.	Clearfield	Brookville	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1810-1	Clearfield	Clarion #1&2	21-10	-	-	-	-	-	-	-	-	-	-	-	-	-
Harbison-Walker Refractories	Clearfield	Brookville	18	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 266-8	Clearfield	Brookville	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 266-12	Clearfield	Clarion #1&2	21-10	-	-	-	-	-	-	-	-	-	-	-	-	-
Warman Contractor, Warren C.	Clearfield	Brookville	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1737-1	Clearfield	Brookville	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatten Mining Co.	Clearfield	Up. & Lo. Free.	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1849-1	Clearfield	Up. & Lo. Free.	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepburnia Coal Co.	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 14-41	Clearfield	Up. & Lo. Free.	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 14-48, 48A&A2	Clearfield	Up. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 14-56	Clearfield	Up. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 14-57	Clearfield	Up. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 14-60	Clearfield	Up. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Total													1,886,813	33,565	-	-
Ingram Coal Co.																
Strip Permit No. 1476-1	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Jeffrey B. Coal Co., Inc.	Clearfield	Lo. Kittanning	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1678-1	Clearfield	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1678-2	Clearfield	Brookville	18	-	-	-	-	-	-	-	-	-	-	-	-	-
Jones Coal Co.	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 667-8	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	-
MSM Coal Co., Inc.	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1748-2	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-
McDonald Land & Mining Co., Inc.	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 659-2	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 659-7	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 650-8	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Total													307,141	1,600	-	-
													657,514	12,279	-	-
													1,154,265	20,115	-	-
													9,100	500	-	-
													23,780	372	-	-
													42,154	299	-	-
													1,886,813	33,565	-	-
6,540**																
600**																
587																
6,860																
915																
2,670																

District 45A

Operators and Mines	County	Geological Name	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
				Shaft:	Slope	Drift:	Lamps Used	:	:		
			Inches:	Depth:	Length:	Degrees:	Drift:	Open:	Safety:	Electric:	
Thomas Coal Co., Inc. (continued)											
Strip Permit No. 42-28	Clearfield	Lo. Kittanning	27	-	-	-	-	-	-	146,899	4,110 72,900
Strip Permit No. 42-30	Clearfield	Lo. Freeport	12	-	-	-	-	-	-	2,120 200 3,225	
Strip Permit No. 42-31	Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	1,050 150 750	
										<u>1,078,376</u>	<u>27,489 280,730</u>
Union Clay Co., Inc.											
Strip Permit No. 444-2&7	Clearfield	Lo. Freeport	24	-	-	-	-	-	-	74,050	1,543 10,525#
Van Leer Coal Co.											
Strip Permit No. 1822-1	Clearfield	Up Kittanning	20	-	-	-	-	-	-	-	-
Warquier Coal Co.											
Strip Permit No. 1400-2A	Clearfield	Up. Freeport	28	-	-	-	-	-	-	344,151	2,982 -
Strip Permit No. 1400-3	Clearfield	Up. & Lo. Free.	24-28	-	-	-	-	-	-	<u>344,151</u>	<u>2,982 -</u>
										<u>Total</u>	<u>-</u>
										<u>District Total</u>	<u>10,635,161 385,025 401,027</u>

* Pellete
 ** Slurry
 # R & L

District 46

Avery Coal Co., Inc.											
Strip Permit No. 584-9	Clinton	Brookville	36	-	-	-	-	-	-	-	-
Strip Permit No. 584-10 & 11	Clinton	Mercer	40	-	-	-	-	-	-	-	-
Strip Permit No. 584-23	Clinton	Brookville	28	-	-	-	-	-	-	-	-
Strip Permit No. 584-25 & 35	Clinton	Mercer	48	-	-	-	-	-	-	290,000 19,000	-
Strip Permit No. 584-36	Clinton	Brookville	36	-	-	-	-	-	-	<u>290,000</u>	<u>19,000</u>
										<u>Total</u>	<u>-</u>
Bennetts Coal Co.											
Strip Permit No. 559-16	Elk	Mid. Kittanning	26	-	-	-	-	-	-	-	-
Strip Permit No. 559-17	Elk	Lo. Kittanning	28	-	-	-	-	-	-	-	-
Brown Co., Earl M.											
Strip Permit No. 104-37	Elk	Lo. Kittanning	30	-	-	-	-	-	-	46,690	5,380

District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Number and Type		Pounds of Explosives Used		Other Permissible Dynamite (Name)
				Shaft	Slope	Drift	Lamps Used			
C & K Coal Co.	Elk	Up. & Lo. Free.	31-28	-	-	-	-	-	-	-
Strip Permit No. 4-101	Elk	Up. & Lo. Free.	31-28	-	-	-	-	-	-	-
Confer Brothers Coal Co.	Clinton	Brookville	32	-	-	-	-	34,000	900	-
Strip Permit No. 864-1	Clinton	Brookville	32	-	-	-	-	65,000	1,700	-
Strip Permit No. 864-3	Clinton	Brookville	32	-	-	-	-	574,000	8,300	-
Strip Permit No. 864-4	Clinton	Brookville	32	-	-	-	-	673,000	10,900	-
Cooks Run Coal Co., Inc.	Clinton	Lo. Kittanning	36	-	-	-	-	60,000	-	2,500
Strip Permit No. 1256-1&2	Clinton	Lo. Kittanning	36	-	-	-	-	8,000	-	200
Strip Permit No. 1256-3	Clinton	Lo. Kittanning	36	-	-	-	-	68,000	-	2,700
Doan Coal Co.	Elk	Up. & Lo. Free.	36-26	-	-	-	-	22,759	542	-
Strip Permit No. 154-9	Elk	Up. & Lo. Free.	36-26	-	-	-	-	338,680	8,064	-
Strip Permit No. 154-11	Elk	Up. & Lo. Free.	36-26	-	-	-	-	24,301	578	-
Strip Permit No. 154-12	Elk	Up. & Lo. Free.	36-26	-	-	-	-	385,740	9,184	-
Elco Coal Co.	Elk	Brookville	32	-	-	-	-	9,500	-	-
Strip Permit No. 1672-2	Elk	Brookville	32	-	-	-	-	9,500	-	-
Esquire Fuel Co.	Elk	Up. & Lo. Free.	24	-	-	-	-	49,600	-	-
Strip Permit No. 263-7A	Elk	Mid. Kitt.	24	-	-	-	-	25,000	-	-
Strip Permit No. 263-9	Elk	Mid. Kitt.	22	-	-	-	-	74,600	-	-
Fairview Coal Co., Inc.	Elk	Up. Freeport	30	-	-	-	-	-	-	-
Strip Permit No. 1244-4 & 5	Elk	Up. Kittanning	28	-	-	-	-	-	-	-
Strip Permit No. 1244-6	Elk	Up. Freeport	30	-	-	-	-	-	-	-
Auger-BAM-727	Elk	Up. Freeport	30	-	-	-	-	-	-	-
Fink & Stackhouse, Inc.	Clinton	Bender Coal	30-36	-	-	-	-	8,000	600	-
Strip Permit No. 524-2 & 2A	Clinton	Bender Coal	30-36	-	-	-	-	8,000	600	-
Strip Permit No. 524-3C	Clinton	Bender Coal	30-36	-	-	-	-	8,000	600	-
Glen Irvan Corp.	Elk	Lo. Kittanning	31	-	-	-	-	38,200	-	1,675*
Strip Permit No. 671-9	Elk	Mid. & Lo. Kitt.	31	-	-	-	-	1,775	-	3,540**
Strip Permit No. 671-10	Elk	Mid. & Lo. Kitt.	31	-	-	-	-	39,975	-	750*
Total										1,278**
										7,243

District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Length	Degrees	Drift	Kind of Opening		Number and Type		Pounds of Explosives Used		
									Shaft	Slope	Lamps	Used	Flame	Electric	Other
Harbison-Walker Refractories	Clinton	Strip Permit No. 266-15													
Huff, Ronald F.	Elk	Strip Permit No. 1791-1	38-14	-	-	-	-	-	-	-	-	-	15,050	150	-
Ingram Coal Co.	Elk	Strip Permit No. 1476-5	20	-	-	-	-	-	-	-	-	-	-	-	-
Keech Coal Co.	Elk	Strip Permit No. 1793-1	16	-	-	-	-	-	-	-	-	-	-	-	-
New Shamut Mining Co.	Elk	Strip Permit No. 196-12	30	-	-	-	-	-	-	-	-	-	37,600	250	-
P & N Coal Co., Inc.	Elk	Strip Permit No. 32-74-92C	22-36	-	-	-	-	-	-	-	-	-	1,098,292	10,712	-
Strip Permit No. 32-42,62,68&84	Elk	Mid. & Lo. Kitt.	26-36	-	-	-	-	-	-	-	-	-	1,147,091	9,097	-
Total													2,245,383	19,908	-
Quinn Coal & Clay Mines	Clinton	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	279,650	-
Strip Permit No. 530-13&5	Elk	L. Free. & U. Kitt.	32-30	-	-	-	-	-	-	-	-	-	103,427	1,770	-
R & R Coal Co.	Elk	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	51,712	820	-
Strip Permit No. 135-13	Elk	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 135-14	Elk	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 135-15	Elk	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 135-16	Elk	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
Auger-BAM-917	Elk	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	155,139	2,590	-
Total													155,139	2,590	-
Rearick Coal Co., William P.	Elk	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 188&-1	Clinton	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	168,000	-	-
River Hill Coal Co., Inc.	Clinton	Lo. Kittanning	29-14	-	-	-	-	-	-	-	-	-	397,000	-	-
Strip Permit No. 20-43	Clinton	Lo. Kittanning	29-14	-	-	-	-	-	-	-	-	-	565,000	-	-
Strip Permit No. 20-46	Clinton	Lo. Kittanning	29-14	-	-	-	-	-	-	-	-	-	-	-	-
Total													168,000	-	-
Shawville Coal Co.	Clinton	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	72,516	1,900	-
Strip Permit No. 30-43	Elk	L. Kitt. & Clarion	28	-	-	-	-	-	-	-	-	-	30,528	14,204	-
Sky Haven Coal, Inc.	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	131,170	61,030	-
Strip Permit No. 1812-3	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	44,956	20,917	-
Strip Permit No. 1812-11	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	120,152	55,904	-
Strip Permit No. 1812-18	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	59,976	27,905	-
Strip Permit No. 1812-22	Elk	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	386,782	179,960	-
Strip Permit No. 1812-23	Elk	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-
Total													386,782	179,960	-

Operators and Mines		County	Geological Name	Height of Seam	Inches	Depth	Length	Degrees	Drift	Shaft	Slope	Kind of Opening	Number and Type	Lamps Used	Pounds of Explosives Used	Other Permissible	
Tamburlin Brothers Coal Co., Inc.																	
	Strip Permit No. 472-4	Elk	Lo. Freeport	40	-	-	-	-	-	-	-	-	-	-	129,050	18,181	-
	Strip Permit No. 472-7	Elk	Lo. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 472-8	Elk	Up. & Lo. Free.	40	-	-	-	-	-	-	-	-	-	-	52,350	9,930	-
Vollmer, Lawrence B.																	
	Strip Permit No. 142-1 & 1A	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	181,400	28,111	-
District Total														5,262,375	558,084	9,943	

**** Pellite HD**

[illegible]

District 47

	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
					Shaft	Slope	Drift	Lamps	Used			
<u>Operators and Mines</u>												
<u>Halfway Coal Yard, Inc. (continued)</u>												
Strip Permit No. 1276-6	Centre	Brookville	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1276-7	Centre	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-
Strip Permit No. 1276-8	Centre	Brookville	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 1276-5	Centre	Brookville	30	-	-	-	-	-	-	-	2,547, 124	104,570
											5,301,436	325,479
											Total	-
<u>Johnson & Morgan</u>												
Strip Permit No. 490-6	Centre	Brookville & Rider	20	-	-	-	-	-	-	-	1,743,075	65,890
Strip Permit No. 490-8	Centre	Up. Kittanning	36	-	-	-	-	-	-	-	181,171	10,829
											Total	-
											1,924,246	76,719
<u>Jones & Brague Mining Co.</u>												
Strip Permit No. 7-23	Lycoming	Bloss	28	-	-	-	-	-	-	-	886,346	9,256
Strip Permit No. 7-30	Lycoming	Bloss	28	-	-	-	-	-	-	-	607,270	6,750
											Total	-
											1,493,616	16,006
<u>Moore & Son, Inc. W.G.</u>												
Strip Permit No. 313-4, 5 & 6	Centre	Up. & Lo. Kitt.	36-24	-	-	-	-	-	-	-	155,680	1,520
<u>Percival, Paul</u>												
Strip Permit No. 131-1	Lycoming	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-
<u>Power Contracting Co., Inc.</u>												
Strip Permit No. 1078-9	Centre	Lo. Kittanning	48	-	-	-	-	-	-	-	-	-
<u>River Hill Coal Co., Inc.</u>												
Strip Permit No. 20-42	Centre	L. Kitt., B'ville	24	-	-	-	-	-	-	-	143,000	-
<u>Stott Coal Co., Inc., James M.</u>												
Strip Permit No. 278-11	Centre	B'ville & L. Kitt.	32-24	-	-	-	-	-	-	-	663,901	-
											District Total	-
											11,067,848	441,018
											3,960	-

* Slurry

District 49

Eastern Mining Co.	Tioga	Cushion	24								408,958	3,210	-
Strip Permit No. 1357-2													

District 49

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening		Inches:Depth	Length	Degrees	Drift	Number and Type		Pounds of Explosives Used	
				Shaft	Slope					Lamps Used			Other Permissible Dynamite (Name)
Eastern Mining Co. (continued)													
Strip Permit No. 1357-3	Tioga	Morgan, Split, Bloss & Bear Creek	6-20	-	-	-	-	-	-	-	-	334,199	2,957
Strip Permit No. 1357-4	Tioga											105,700	873
Strip Permit No. 1357-5	Tioga										Total	112,912	968
												961,769	8,008
Jones & Brague Mining Co.													
Strip Permit No. 7-25	Tioga	Morgan-Cannal	54	-	-	-	-	-	-	-	-	1,920,740	6,388
Strip Permit No. 7-29	Tioga	Bloss	30	-	-	-	-	-	-	-	-	1,357,940	46,573
Strip Permit No. 7-31	Tioga	Bloss	36	-	-	-	-	-	-	-	-	1,899,200	36,411
Strip Permit No. 7-32	Tioga	Morgan-Cannal	54	-	-	-	-	-	-	-	-	62,100	310
Strip Permit No. 7-34	Tioga	Bloss	36	-	-	-	-	-	-	-	-	578,800	5,801
Strip Permit No. 7-39	Tioga	Bloss	36	-	-	-	-	-	-	-	-	79,200	7,888
											Total	4,897,980	103,371
P & M Coal Co.													
Strip Permit No. 1477-2	Tioga	Bear Creek	18	-	-	-	-	-	-	-	-	83,850	1,930
											District Total	5,943,599	113,309

District 65

Ace Drilling Coal Co., Inc.													
Strip Permit No. 218-16	Blair	Lo. Kittanning	46	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 218-23	Blair	Brookville	48	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 218-26	Blair	Lo. Kittanning	46	-	-	-	-	-	-	-	-	154,150	750
											Total	154,150	750
Avery Coal Co., Inc.													
Strip Permit No. 584-20	Huntingdon	Barnett	36	-	-	-	-	-	-	-	-	600,820	190,260
Strip Permit No. 584-22	Hunt'don/Bedf. Fulton		36	-	-	-	-	-	-	-	-	75,102	23,782
											Total	675,922	214,042
B. B. B. Strip													
Strip Permit No. 1536-1	Bedford	Big Pittsburgh	40	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1536-2	Bedford	Barnett	28	-	-	-	-	-	-	-	-	-	-

District 65

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :			Other Permissible (Name)
				: Shaft :	: Slope :	: Drift :	: Lamps :	: Open :	: Electric :	: Ammonium Nitrate :	: Dynamite :		
K. G. R. Mining, Inc.													
Strip Permit No. 453-4	Bedford	Kelly, Barnett & Fulton	42	-	-	-	-	-	-	23,100	17,250	-	-
Kolak, John	Blair	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Special Project No. 567													
Krieger Coal, Inc.	Bedford	Kelly & Little Pittsburgh	48-18	-	-	-	-	-	-	32,775	1,210	-	-
Strip Permit No. 519-4													
L & B Coal Co.	Fulton	Barnett	48	-	-	-	-	-	-	60,000	1,200	-	-
Strip Permit No. 270-10	Fulton	Barnett	48	-	-	-	-	-	-	40,000	1,000	-	-
Strip Permit No. 270-11	Bedford	Spear	24	-	-	-	-	-	-	36,000	480	-	-
Strip Permit No. 270-13	Bedford	Little Pittsburgh	18	-	-	-	-	-	-	193,700	2,172	-	-
Strip Permit No. 270-14										329,700	4,852	-	-
Low Vol Energies, Inc.									Total				
Strip Permit No. 1483-2	Bedford	Barnett	62	-	-	-	-	-	-	537,451	-	-	-
New Enterprise Stone & Lime Co., Inc.	Bedford	Kelly&Barnett	78-24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 796-2, 2A&2										District Total	1,753,098	238,104	-

BITUMINOUS CLEANING PLANTS AND TIPPLES

CLEANING PLANTS AND TIPPLES

1978

BITUMINOUS COAL REGION

Dis- trict	Name of Operation	Operator	Location	Zip Code
3	Alicia No. 2 Tipple	L. & J. Docks	Greensboro	15338
11	Allegheny No. 2 Cleaning Plant	Penn Allegh Coal Co., Inc.	Tarentum	15084
1	Ambrosia Tipple	Ambrosia Coal & Const. Co.	Hillsville	16132
17	Amesville Tipple	Flango Bros. Coal, Inc.	Houtzdale	16651
11	Apollo Tipple	Altmire Bros. Coal Co., Inc.	Apollo	15613
15	Apollo No. 1 Tipple	The Apollo Corp.	Shelocta	15744
15	Apollo No. 2 Preparation Plant	The Apollo Corp.	Heilwood	15745
14	Arcadia No. 43 Tipple	The Arcadia Co., Inc.	Arcadia	15712
9	Aurora No. 5 Tipple	Bradford Coal Co., Inc.	Bigler	16825
12	Banning No. 4 Cleaning Plant	Republic Steel Corp.	West Newton	15089
17	Barclay Tipple	Jones & Brague Mining Co.	Blossburg	16912
9	Bark Camp Cleaning Plant	Glen Irvan Corp.	Penfield	15849
9	Beechton No. 5 Tipple	Boyer Coal Co.	DuBois	15801
9	Belfast Tipple	Hepburnia Coal Co.	Grampan	16838
17	Belfast No. 14 Siding	Jas. M. Stott Coal Co., Inc.	Philipsburg	16866
9	Bells Landing Tipple	Hepburnia Coal Co.	Grampan	16838
17	Benjamin No. 3 Cl. Pl. (LaJose)	Benjamin Coal Co.	LaJose	15753
17	Benjamin No. 6 Cl. Pl. (Westover)	Benjamin Coal Co.	LaJose	15753
9	Benjamin No. 7 Tipple (Stronach)	Benjamin Coal Co.	LaJose	15753
9	Benjamin No. 8 Tipple(Luthersburg)	Benjamin Coal Co.	LaJose	15753
9	Benjamin No. 9 Tipple(Falls Creek)	Benjamin Coal Co.	LaJose	15753
17	Benjamin No. 10 Tipple	Empire Coal Co., Inc.	LaJose	15753
14	Benjamin No. 11 Tipple	Benjamin Coal Co.	LaJose	15753
21	Bird No. 3 Processing Plant	Island Creek Coal Co.	Riverside	15904
1	Blacksburg Tipple	West Freedom Mining Corp.	Kittanning	16201
1	Book No. 1 Cleaning Plant	Miller & McKnight Coal Co., Inc.	Slippery Rock	16057
14	Bostonia Tipple	Ernest C. Dean Contractor, Inc.	New Bethlehem	16242
17	Bradford Breaker	Johnson & Morgan	Snow Shoe	16874
2	Bridgeville Tipple	Glacial Sand & Gravel Co.	Kittanning	16201
9	Brockway Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
20	Brookdale Preparation Plant	Bethlehem Mines Corp.	Ebensburg	15931
17	Brown No. 5 Tipple	E. M. Brown, Inc.	Clearfield	16830
24	Cambria Slope Preparation Plant	Bethlehem Mines Corp.	Ebensburg	15931
23	Cambria Tipple	PBS Coals, Inc.	Friedens	15541
11	Canterbury Cleaning Plant	Canterbury Coal Co.	Avonmore	15618
9	Carroll Preparation Plant	Carroll Coal Trusts	Lucinda	16235
6	Champion No. 1 Preparation Plant	Consolidation Coal Co.	Imperial	15126
9	Cherokee Tipple	Blackhawk Coal Co.	Brookville	15825
9	Cher's Pride No. 2 Tipple	Kann Coal Co., Inc.	Shippenville	16254
9	Clarion Tipple	Glacial Minerals, Inc.	Strattanville	16258
14	Cloe Yard Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
8	Clyde Preparation Plant	Republic Steel Corp.	Fredericktown	15333
23	Coal Junction Tipple	Coal Junction Coal Co.	Friedens	15541
24	Colver Preparation Plant	Eastern Associated Coal Corp.	Pittsburgh	15219
14	Colwell Loading Dock & Crusher	Colwell Coal Co.	Kittanning	16201
16	Conemaugh No. 1 Preparation Plant	The North American Coal Corp.	Seward	15954
17	Cooper Smokeless No. 2 Prep. Pl.	Bradford Coal Co., Inc.	Bigler	16825
9	Corsica Tipple	R.E.M. Coal Co., Inc.	Brookville	15825
14	Coulter Tipple	Glenn Coal Co., Div. of Champion Coal Co., Inc.	Punxsutawney	15767
9	Culbertson Tipple	H & G Coal & Clay Co., Inc.	Clarion	16214
17	Cunnard Tipple	Jill Mining Co., Inc.	Wallaceton	16876
13	Daugherty Tipple	Bortz Coal Co.	Uniontown	15401
14	Dayton Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
23	Delta Tipple & Cleaning Plant	Delta Coal Sales, Inc.	Grantsville, Md.	21536
14	Dora Preparation Plant	Doverspike Bros. Coal Co.	Punxsutawney	15767
4	Dunkard Cleaning Plant	Dunkard Mining Co.	Poland Mines	15327
9	Eagle Rock No. 10 Tipple	John Teeter Coal Co.	Martinsburg	16662
21	Ehrenfeld Tipple	Bethlehem Mines Corp.	Ebensburg	15931
1	Eidenau Tipple	Kerry Coal Co.	Portersville	16051
7	Ellsworth No. 51 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330
3	Emerald Cleaning Plant	Emerald Mines Corp.	Waynesburg	15370
9	Emery Tipple	Brookside Coal, Sand & Gravel	Brookville	15825
22	Eureka No. 36 Tipple	Heshbon Coal Co., Inc.	Windber	15963
21	Eureka No. 40 Upper Processing Pl.	Jandy Coal Co.	Windber	15963
24	Fallentimber Cleaning Plant	Cambria Coal Co.	Blandburg	16619
1	Fawn No. 91 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330

Dis- trict	Name of Operation	Operator	Location	Zip Code
22	Fetterolf Breaker	Fetterolf Mining, Inc.	Somerset	15501
23	Fetterolf Cleaning Plant No. 1	M. F. Fetterolf Coal Co., Inc.	Boswell	15531
23	Fetterolf Cleaning Plant No. 2	M. F. Fetterolf Coal Co., Inc.	Boswell	15531
17	Fisher Tipple	Fisher Mining Co.	English Center	17734
16	Florence Preparation Plant	The Florence Mining Co.	Seward	15954
11	Poster No. 4 & 5 Cleaning Plant	Leechburg Mining Co.	Leechburg	15656
9	Fryburg Tipple	A. P. Weaver & Sons	Fryburg	16326
13	Genovese Coal Processing Plant	Genovese Coal Co.	Smithfield	15478
9	Goshen Tipple	R. D. Baughman Coal Co., Inc.	Brookville	15825
13	Grays Landing Ramp	J & C Loading Co.	Masontown	15461
19	Greenwich Preparation Plant	Greenwich Collieries	Barnesboro	15714
17	Hale No. 1 Tipple	W. G. Moore & Son, Inc.	Philipsburg	16866
17	Halfway Coal Yard	S & D Trucking Co.	Snow Shoe	16874
2	Harcloff Tipple	Ernest C. Dean Contractor, Inc.	New Bethlehem	16242
5	Harmar Preparation Plant	Harmar Coal Co.	Pittsburgh	15238
17	Hastings Preparation Plant	North Cambria Fuel Co.	Spangler	15775
9	Hickory Tipple	Thomas Coal Sales, Inc.	Grampian	16838
14	Hillman Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
9	Hoffman Tipple	River Hill Coal Co., Inc.	Kylertown	16847
25	Homer City Coal Cleaning Plant	Iselin Preparation Co.	Indiana	15701
1	Hooker Tipple	Black Fox Mng. & Develop. Corp.	Karns City	16041
12	Hutchinson Preparation Plant	Consolidation Coal Co.	Hutchinson	15640
22	Intercarbon Preparation Plant	Intercarbon Coal Co.	Hooverville	15936
13	Isabella Cleaning Plant	National Mines Corp.	Isabella	15447
14	Johnstown Coal & Coke Prep. Pl.	Johnstown Coal & Coke Co.	Glen Campbell	15742
17	Kettle Creek Tipple	Avery Coal Co., Inc.	Philipsburg	16866
1	Kincaid Tipple	Black Fox Mng. & Develop. Corp.	Karns City	16041
8	LaBelle Preparation Plant	Jones & Laughlin Steel Corp.	LaBelle	15450
24	Lancashire No. 20 Cleaning Plant	Barnes & Tucker Co.	Barnesboro	15714
18	Lancashire No. 24 Cleaning Plant	Barnes & Tucker Co.	Barnesboro	15714
19	Lancashire No. 25 Prep. Plant	Barnes & Tucker Co.	Barnesboro	15714
22	Laurel Preparation Plant	Consolidation Coal Co.	Central City	15926
17	Leslie Tipple	Helena Coal Co., Inc.	Osceola Mills	16666
13	Lock No. 8 Loading Dock	J & C Loading Co.	Masontown	15461
17	Loop Run Tipple	River Hill Coal Co., Inc.	Kylertown	16847
25	Lucerne No. 6 Cleaning Plant	Helvetia Coal Co.	Indiana	15701
4	Luke Preparation Plant	United States Steel Corp.	Waynesburg	15370
10	Mahoning Cleaning Plant	Carpentertown Coal & Coke Co.	Templeton	16259
7	Maple Creek Preparation Plant	United States Steel Corp.	Uniontown	15401
26	Marianna No. 58 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330
11	Marion Cleaning Plant	Tunnelton Mining Co.	Saltsburg	15681
14	Markle Preparation Plant	Markle-Bullers Coal Co.	Kittanning	16201
14	Markle Tipple	Markle-Bullers Coal Co.	Kittanning	16201
13	Masontown Ramp	J & C Loading Co.	Masontown	15461
6	Mathies Cleaning Plant	Mathies Coal Co.	Courtney	15029
9	Mays Tipple	Mauersberg Coal Co.	Sigel	15860
15	Mears Preparation Plant	Mears Coal Co.	Dixonville	15734
9	Medix Run Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
17	Mile Hill Tipple	Jones & Brague Mining Co.	Blossburg	16912
22	Moore Loading Dock	Drummond Coal Co., Inc.	Boswell	15531
9	Mt. Carmel No. 2 Tipple	Moshannon Falls Mng. Co., Inc.	Clearfield	16830
3	Nemacolin Preparation Plant	Nemacolin Mines Corp.	Nemacolin	15351
21	No. 37 Processing Plant	GMK Co.	Windber	15963
21	No. 40 Processing Plant	M & K Coal Co.	Windber	15963
15	Oneida Preparation Plant	The Oneida Mining Co.	Ebensburg	15931
9	Owens No. 1 Tipple	Sky Haven Coal, Inc.	Penfield	15849
9	P & S Tipple	Doan Coal Co.	Reynoldsville	15851
15	Park Side Tipple	McIntire Coal Co.	Shellock	15774
26	Peggs Run No. 2 Cleaning Plant	Peggs Run Coal Co., Inc.	Shippenport	15077
1	Pengrove Cleaning Plant	Pengrove Coal Co.	Grove City	16127
14	Penn No. 1 Tipple	West Penn Tipple Co., Inc.	Marion Center	15759
23	Penn Pocahontas Cleaning Plant	Penn Pocahontas Coal Co.	Garrett	15542
1	Perry Brothers Tipple	Perry Brothers Coal Co.	Sharon	16146
24	Pierce Bros. No. 2 Cleaning Plant	Pierce Brothers, Inc.	Johnstown	15901
9	Pine City Washing Plant	A. P. Weaver & Sons	Fryburg	16326
23	Pine Hill No. 2 Cleaning Plant	Croner, Inc.	Berlin	15530
9	Piney Tipple	C & K Coal Co.	Clarion	16214
14	Posetown Preparation Plant	R. D. Baughman Coal Co., Inc.	Brookville	15825
22	Quemahoning Processing Plant	Solar Fuel Co.	Somerset	15501
17	Red Run Tipple	Jones & Brague Mining Co.	Blossburg	16912
22	Reitz No. 4 Cleaning Plant	Reitz Coal Co.	Windber	15963
22	Reitz No. 11 Cleaning Plant	Reitz Coal Co.	Windber	15963
5	Renton Preparation Plant	Consolidation Coal Co.	Renton	15239

Dis- trict	Name of Operation	Operator	Location	Zip Code
9	Rimersburg Tipple	C & K Coal Co.	Clarion	16214
3	Robena Slope Preparation Plant	United States Steel Corp.	Greensboro	15338
9	Rockton Tipple	Avery Coal Co., Inc.	Philipsburg	16866
23	Rockwood Tipple	Casselman Coal Sales Co.	Somerset	15501
23	Rockwood Tipple	Svonavec Coal Co.	Somerset	15501
9	Rolling Stone Tipple	River Hill Coal Co., Inc.	Kylertown	16847
14	Rossiter No. 2 Tipple	The Arcadia Co., Inc.	Arcadia	15712
1	Rovella Tipple	Kerry Coal Co.	Portersville	16051
17	Rushton Cleaning Plant	Rushton Mining Co.	Philipsburg	16866
1	Russellton Cleaning Plant	Republic Steel Corp.	Russellton	15076
1	S & V Tipple	S & V Pipeline Co.	Mercer	16137
23	Scurfield No. 1 Cleaning Plant	Scurfield Coal, Inc.	Berlin	15530
22	Shade Creek Cleaning Plant	PBS Coals, Inc.	Central City	15926
17	Shannon Smokeless No. 1 Prep. Pl.	Bradford Coal Co., Inc.	Bigler	16825
9	Shannon Tipple	Shannon Coal Co.	Clarion	16214
23	Shaw No. 7 Tipple	Sanner Coal Co.	Meyersdale	15552
23	Shober Siding	Material Transportation Assoc.	Garrett	15542
9	Siegel Tipple	Harold A. Siegel Coal Co.	Clarion	16214
17	Snow Shoe Tipple	R. S. Carlin, Inc.	Snow Shoe	16874
23	Somerset No. 1 Tipple	Appalachia Fuels, Inc.	Somerset	15501
7	Somerset No. 60 Cleaning Plant	Bethlehem Mines Corp.	Eighty Four	15330
21	Sonman Processing Plant	Cooney Bros. Coal Co.	Sonman	15946
21	Sonman Processing Plant	Universal Minerals, Inc.	Sonman	15946
7	Speers Loading Dock	J & C Loading Co.	Masontown	15461
9	Stahlman Washery	W. P. Stahlman Coal Co., Inc.	Clarion	16214
9	Stott No. 1 Cleaning Plant	Lady Jane Collieries, Inc.	Penfield	15849
23	Stoystown Tipple	Tri-C Coal Co., Inc.	Somerset	15501
9	Sugar Hill No. 1 Tipple	Ingram Coal Co.	Penfield	15849
9	Sugar Hill No. 2 Tipple	Ingram Coal Co.	Penfield	15849
1	Sunbeam Washing Plant	Sunbeam Coal Corp.	Boyers	16020
9	Surveyor Run Tipple	Shawville Coal Co.	Shawville	16872
13	Taylor Preparation Plant	Brownsville Welding Co. Coal Yard	Brownsville	15417
14	Terry Tipple	Terry Coal Sales, Inc.	Distant	16223
22	Three S Plant	Intercarbon Coal Co.	Stoystown	15563
1	Veon Tipple	Ralph A. Veon, Inc.	Darlington	16115
17	Warquier Tipple	Warquier Coal Co.	Clearfield	16830
4	Warwick Preparation Plant	Duquesne Light Co.	Greensboro	15338
17	Westover Preparation Plant	K & J Coal Co., Inc.	Lanese	16849
1	Willowbrook Tipple	Willowbrook Mining Co.	Grove City	16127
9	Zacherl Tipple	Zacherl Coal Co., Inc.	Lucinda	16235

BITUMINOUS COAL OPERATORS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

BITUMINOUS COAL OPERATORS---YEAR 1978

DM Denotes operators having deep mines.
* Denotes operators having strip mines.
Denotes operators having auger mines.
@ Denotes operators having refuse or reclaimed piles.
c Denotes operators having cleaning plants or tipples.
% Denotes drilling contractors.

District	Operator	General Supt.	Address	Zip Code
39A	A & C Coal Co., Inc.*	Floyd G. Cass	R.D. 3, Box 411	Apollo 15613
32B	A. & H. Coal Co., Inc.*	Martin Antulov	Box 215	Shinnston, WVa. 26431
30,35A,36	AH-RS Coal Corp.*	Robt. L. Snyder	P. O. Box A	Bruin 16022
42,65	Ace Drilling Coal Co., Inc.*	Ralph Schmidt	P. O. Box 153	South Fork 15956
38	Adams, Mervin J.*	M. J. Adams	R.D. 4, Box 215	Punxsutawney 15767
30,36	Allegheny Mineral Corp.*	C. H. Snyder, Jr.	P. O. Box 10	Kittanning 16201
34	Aloe Coal Co.*	Henry A. Vincent	Box 50	Imperial 15126
11,30,35A	Altire Bros. Coal Co., Inc.*c	Mack Altire	Box 281	Apollo 15613
41	Alumbaugh Coal Corp.*	Robt. P. Henry	R. D. 1	Friedens 15541
1,31	Ambrosia Coal & Const. Co.*c	Anthony Devite	R. D. 1	Edinburg 16116
40A	American Mining*	Charles Aurndt	R. D. 3	Rockwood 15557
34	Amore Companies, Inc.*	Andrew Bayer	4130 Monroeville	Monroeville 15146
36,37	Ancient Sun, Inc.*	D. E. Kahle, Jr.	P. O. Box 129	Shippensburg 16254
43	Anderson Creek Coal & Clay Co.*	Charles Gilson	P. O. Box 215	Houtzdale 16651
34A,35A,				
39A	Ankeny, Donald*	Donald Ankeny	R. D. 1	Shelocta 15774
33	Ann Mineral Co.*	J. R. Slate, Jr.	500 Lloyd Ave.	Latrobe 15650
34	Ansell, Earl*	M. E. Ansell	R.D.1, Box 79	Scottdale 15685
34	Apex Co., Inc.*	Edward Gilmore	622 Market St.	McKeesport 15132
15,32,35A	Apollo Corp., The*#c	Wm. G. Kearns	Box 281	Charleroi 15022
23	Appalachian Fuels, Inc.c	Dean Lyons	571 E. Main St.	Somerset 15501
14,39,43	Arcadia Co., Inc., The*c	Andrew Stossel	Box 3	Arcadia 15712
32	Armoni Co., M. C.*	Jas. Petricca	Cocran Rd.	Pittsburgh 15205
17	Associated Drilling, Inc. DM	Milford Kephart	P. O. Box 250	Johnstown 15907
30	Atwell, Neil*	Neil Atwell	Route 2	Polk 16342
9,17,43,44,45,				
45A,46,65	Avery Coal Co., Inc.*c	R. D. Thomas	P. O. Box 232	Philipsburg 16866
34A	Avonmore Enterprises*	J. Merle Smith	R. D. 1	Avonmore 15618
65	B. B. B. Strip*	Jas. E. Browning	R.D. 1, Box 213	Flintstone, Md. 21530
40	BBL Enterprises, Inc.*	Blake Beeghly	R. D. 1	Somerset 15501
39	B.B.S. Coal Co.*#	Phil Brown	P. O. Box 139	Arcadia 15712
30	B & D Coal Co.*	Chester Barr	Box 274	Harrisville 16038
34	B & G Coal Co., Inc.*	Wayne W. Cook	R.D. 3, Box 325	Oakdale 15071
30,35A	B & G Const. Co., Inc.*	Blaney W. Bowser	734 Butler Rd.	Kittanning 16201
30	B.H.&H./Daset Mng. Corp.*	C. J. Smith	U.S. Rt. 22	Delmont 15626
35	B.H.&H./Seven Sisters Mining Co., Inc.*	Chas. J. Smith	U.S. Rt. 22	Delmont 15626
4	B & M Coal Co. DM	Robert Chess	Box 37	Dilliner 15327
41	Badger Coal Co., Inc.*	Paul Polenik	R.D.2, Box 120A	Clymer 15728
33	Baker Coal Co.*	Wayne K. Baker	P. O. Box 114	Point Marion 15474
32B	Balazick, Charles *	Chas. Balazick	R. D. 1	Jefferson 15344
18,19,24	Barnes & Tucker Co. DMC	Robt. F. Slack	1912 Chestnut Av.	Barnesboro 15714
33	Barnhart & Sons, Inc., S.E.*	Samuel Barnhart	R.D. 4, Box 440	Blairsville 15717
34A	Barrier, William V. Jr.*	Victor P. Smith	R.D. 5, Box 142	Ligonier 15658
33A	Bartoni, John*	John Bartoni	128 Sangston Ave.	Masontown 15461
33A	Bartoni, Rocco*	Rocco Bartoni	R.D. 2, Box 117	Smithfield 15478
33A	Bartoni Coal Co.*	Domenic Bartoni	R.D. 2, Box 336	Smithfield 15478
9,14,35,36,				
38,38A	Baughman Coal Co., Inc., R.D.*c	Melvin S. Reitz	P. O. Box 218	Brookville 15825
38A,45A	Becker, Blake I. Jr.*	B. I. Becker, Jr.	R. D. 2	Reynoldsville 15851
39	Becker Coal Co., Paul F.*	Paul F. Becker	R. D. 5, Box 255	Duncansville 16635
40	Beemer Coal Co., C. Edward*	C. Edward Beemer	R. D. 3	Rockwood 15557
39A	Beilchick Brothers*	Paul Beilchick		Heilwood 15745
34A,42	Bender Coal Co., E. P.*	John Bender	R. D. 1	Carrolltown 15722
34A	Ben Franklin Coal Co.*	Geo. J. Kutsch	4270 Arnold Ave.	Lo. Burrell 15068
9,14,17,38A,39,42,43,				
44,45,45A	Benjamin Coal Co.*c	D. J. Benjamin		LaJose 15753
39A	Bennett, William R.*	Wm. R. Bennett	R. D. 1	Homer City 15748
46	Bennetts Coal Co.*	Wm. DeSalve		Penfield 15849
34A,39A,42	Bentley Coal Co., Inc.*@	Boyd Strittmatter	Box 585	Bentleyville 15314
42	Best Resources*	Jos. A. Kirsch	817 Main St.	Portage 15946

District	Operator	General Supt.	Address	Zip Code
1,7,18,20,21,				
22,24,26	Bethlehem Mines Corp. DMc	E. J. Korber	P. O. Box 29	Ebensburg 15931
33,40	Better Mining, Inc.*	George Cramer	151 W. Union St.	Somerset 15501
36	Beveridge Coal Co.*	Edward Loll	R. D. 1	Clarion 16214
30	Big B Mining Co., Inc.*	Robt. K. Hilliard	R. D. 1	West Sunbury 16061
34	Big Break Mining Co.*	W. W. Osterwise		McMurray 15317
41	Bigan Coal Co., M. H.*	M. H. Bigan	421 Bigan Dr.	Windber 15963
41	Bigan Estate, John E.*	J. E. Bigan	Box 84	Elton 15934
40A	Bittner Coal Co.*	D. W. Bittner	R.D. 4, Box 160	Meyersdale 15552
45A	Bitumco Mining Co., Inc.*	Robt. L. Bush	1008 S. 2nd St.	Clearfield 16830
40A	Bituminous Coals, Inc.*		P. O. Box 84	Somerset 15501
35	Bituminous Int'l Corp.*	Guy Stoker		Penfield 15849
34	Bit. Processing Co., Inc.®	Edward Ritenour	285 S. Wash.R.D.	McMurray 15317
40A	Black Diamond Coal Co.*	George Morocco	R. D. 1	Somerset 15501
30	Black-Dot Coal, Inc.*	H. T. Seelbaugh	422 Brown Ave.	Butler 16001
1,30	Black Fox Mng. & Dev.Corp.*c	Walter Barnhart	Box F	Karns City 16041
35	Black Gem Coal Co.*	Ronald J. Good	401 S. Water St.	Kittanning 16201
9	Blackhawk Coal Co.c		R. D. 3	Brookville 15825
22	Bloom Coal Co. DM	Ralph Bloom, Jr.	R. D. 1	Holsopple 15935
40A,41	Blue Lick Coal Co., Inc.*	George Cramer	151 W. Union St.	Somerset 15501
32,33,34	Bologna Mining Co.*	Tony Bologna	Box 309	Burgettstown 15021
40,41	Boomdout Coal Co., Inc.*	Larry D. Frazier	P. O. Box 133	Friedens 15541
13,33A	Bortz Coal Co.*c	G. H. Bortz, III	63 N. Beeson Ave.	Uniontown 15401
35	Bowers Coal Inc.*	Vic Choltoco	7 Gorman Ave.	Indiana 15701
44	Bowman, W. C.*	W. C. Bowman	R. D. 1	Houtzdale 16651
9,38A	Boyer Coal Co.*c	Wm. P. Boyer	206 E. Sherman Ave.	DuBois 15801
32A,32B	Boyle Land & Fuel Co.*	Gary Harper	164 Westmoreland	Greensburg 15601
30	Bracken Construction Co.*	Dale A. Bracken		Sligo 16255
9,17,44	Bradford Coal Co., Inc.*c	Aldean Hamilton		Bigler 16825
33,41	Brant Coal Co., Inc.*	James Brant	100 Byers Rd.	Somerset 15501
40A	Brant Mining Co., C.*	Charles Brant	R.D. 6, Box 36	Somerset 15501
40	Brawl Mining, Inc.*#	John M. Foor	241 E. Garrett	Somerset 15501
32A	Britton, James W.*	Jas. W. Britton	813 Green St.	California 15419
14	Brocius, Harold E. DM	H. E. Brocius		Timblin 15778
38A	Brockway Clay Co.*	Jas. S. Doan	733 Jackson St.	Reynoldsville 15851
32B	Brooks, Charles E.*	Chas. E. Brooks		Point Marion 15474
33A	Brooks, Howard E.*	Chas. E. Brooks	Box 105	Smithfield 15478
9	Brookside Coal,Sand & Gravelc		R. D. 1	Brookville 15825
34A	Brookvalley Coal Co., Inc.*	Howard G. Brooks	P. O. Box 27	Punxsutawney 15767
44,46	Brown Co., Earl M.*	Roger Shimmel	329 Mt. Joy Rd.	Clearfield 16830
17	Brown, Inc., E. M.c		P. O. Box 767	Clearfield 16830
34,34A	Brown Coal Co., Inc., C. W.*	James Brown	Box 23	Whitney 15693
13	Brownsville Welding Co.			
	Coal Yard c	Donald N. Hudak	76 Williams St.	Brownsville 15417
38A	Brubaker Bros. Coal Co.*	Jas. O. Brubaker	302 W. DuBois Av.	DuBois 15801
31	Brush Run, Inc.*	Frank Reston	648 E. Wash. St.	New Castle 16101
35A	Bryar Construction Co.*		311 N. 2nd St.	Apollo 15613
38	Burkett Coal Co., L. & L.*	L. W. Burkett	116 Cypress St.	Punxsutawney 15767
40A	Burnham Coal Co.*	Robert Buckel	527 Broad Ave.	Belle Vernon 15012
39A	Buterbaugh Construction Co.*#	Arthur Buterbaugh	Box 35	Commodore 15729
39,39A	C & C Coal Co.*	Ronald Coleman	Box 102	Kent 15752
34A	C.F.S.C. Inc.*	Larry G. Comisak	P. O. Box 1042	Greensburg 15601
32B	C & J Coal Co.*	Chas. M. Phillips	P. O. Box 82	Point Marion 15474
9,30,35,35A,				
36,37,46	C & K Coal Co.*#c	Glenn Shook	Box 69	Clarion 16214
40A	C & O Coal Co.*	Leo L. Ohler	R.D. 4, Box 14	Berlin 15530
41	C & P Coal Co.*	Dean Walker	R. D. 1	Friedens 15541
22	Cairnbrook Coal Co., Inc. DM	Henry Vehovic	P. O. Box 86	Alverda 15710
38A	Calhoun, Dwight M.*	D. M. Calhoun	R. D. 1	Brookway 15824
24,42,43	Cambria Coal Co.*#c	Alvan Arnold, Jr.	P. O. Box 1507	Blandburg 16619
42,43	Cambria Mills Coal Co., Inc.*	T. Merle Apple	R. D.	Fallentimber 16639
14	Cannel Coal Co., Inc. DM	Elwood Swank	R.D.1, Box 336-C	Paxinos 17860
26	Canon Coal Co. DM	Jos. Reggianni	410 Millcraft Cen.	Washington 15301
11	Canterbury Coal Co. DMc	Mario Fassio	Drawer R	Avonmore 15618
33,33A	Carbonara Coal Co.*	Carl F. Carbonara	R.D. 6, Box 578	Uniontown 15401
44,45	Cardinal Coal & Contr. Co.*	Leroy Burton	Rt. 1, Box 235A	Clearfield 16830
40A,41	Cardinal Mining Co.*	Dale Testa	Box 127	Friedens 15541
17,45,47	Carlin, Inc., R. S.*c	David L. Spear		Snow Shoe 16874
31	Carlson Mining*	Jack Carlson	R.D. 6, Box 267	New Castle 16101
10,35	Carpentertown Coal & Coke			
	Co. DM*#c	David G. Batistig	Box 218	Templeton 16259
9	Carroll Coal Trusts c		Box 153	Lucinda 16235
32	Casey Contr. Co., Inc., R.W.*	Robert Casey	P. O. Box 361	Burgettstown 15021

District	Operator	General Supt.	Address	Zip Code
23	Casselman Coal Sales Co. c	S. A. Svonavec, Jr.	140 W. Union St.	Somerset 15501
38	Caylor, V. Glenn*	V. Glenn Caylor	R.D. 4, Box 200	Punxsutawney 15767
4	Central Cambria Drilling Co. %	Alvin H. Thomas	P. O. Box 207	Ebensburg 15931
34	Central States Coal Co., Inc.*	P. J. Donovan	P. O. Box 1255	Morgantown, WVa. 26505
36, 37, 38A	Chernicky Coal Co., Inc.*	R. P. Chernicky	Box 175	Shippenville 16254
32B, 33, 33A	Chess Coal Co.*	Larry Chess	R.D. 1, Box 151	Smithfield 15478
37	Chutz Contracting Ltd.*	Mac Chutz	467 New Castle	Slippery Rock 16057
33A	Cicconi, Attilio *	O. Higinbotham	High St.	Brownsville 15417
36	Clarion Fossil Fuels Corp.*	M. A. Palo	P. O. Box 94	Clarion 16214
45	Clearfield Limestone Corp.*	Jos. W. Michaels	620 Tyler Ave.	Clearfield 16830
33	Coal Energies, Ltd. @	W. T. McCartney	P. O. Box 877	Uniontown 15401
44	Coal Hill Contr. Co., Inc.*	Rhue J. Agden	P. O. Box 1001	Clearfield 16830
23, 40	Coal Junction Coal Co.* c	John Lynch	R. D. 1	Friedens 15541
33A	Coal Processing Equip., Inc.*	W. T. McCartney	P. O. Box 877	Uniontown 15401
42	Coal Utilities Corp.*	Paul J. Breth	205 Ross St.	Pittsburgh 15219
35	Cochran & Keller Coal Co., Inc.*		Star Rt., Box 215B	Apollo 15613
36	Colt Resources Inc.*	James Uzmack	415 Wood St.	Clarion 16214
33A	Columbia Coal Co.*	W. T. McCartney	P. O. Box 877	Uniontown 15401
14	Colwell Coal Co. c	C. E. Powell	Keystone Bldg.	Kittanning 16201
38, 45A	Compass Coal Co., Inc.*	D. J. White	242 W. Mahoning	Punxsutawney 15767
46	Confer Brothers Coal Co.*	Irwin L. Confer	Box 471	Milesburg 16853
5, 6, 12, 22,				
26	Consolidation Coal Co. DM c	F. J. Ucciardi	450 Racetrack Rd.	Washington 15301
45A	Continental Coal Co.*	J. Hilliard	R. D. 2	DuBois 15801
39	Cookport Coal Co., Inc.*	Chas. R. Sheesley	425 Market St.	Kittanning 16201
46	Cooks Run Coal Co., Inc.*	R. R. Spangler	Box 28	Wallacetown 16876
21, 42	Cooney Bros. Coal Co.* c	Blain Curtis	P. O. Box 246	Cresson 16630
14	Copper Valley Coal Co., Inc. DM	LeRoy C. Betts	R. D. 2	Homer City 15748
36, 37	Cotterman Coal Co., W. A.*	W. A. Cotterman	Box 586	Clarion 16214
34A	Cratty, Gower & Hyde, Inc.*	Clark C. Cratty	P. O. Box 8814	Pittsburgh 15221
11	Creighton Hills Coal Co. DM	Steve Havrilesko	P. O. Box 272	Creighton 15030
8, 12	Crescent Hills Coal Co., Inc. DM	J. A. Reggianni	408 Millcroft Cen.	Washington 15301
23, 40, 40A	Croner, Inc.* c	Jas. E. Croner	210 High St.	Berlin 15530
44	Curtin Coal Co., Inc.*	Thos. G. Hickson	P. O. Box 355	Philipsburg 16866
34	D. C. Industries, Inc.*	Chas. A. Connelly	P. O. Box 147	Eighty Four 15330
30	H & D Coal Co.*	Robt. Herndon	R.D. 3, Box 3629	Grove City 16127
32	DMB Services *	Bill Bogar		Avella 15312
31	Darlington Brick & Clay Products Co.*	L. H. Smith		Darlington 16115
34A, 35, 36	Darmac Coal, Inc.* #	W. C. Olinger	Rt. 422E, R.D. 5	Kittanning 16201
34, 35, 35A	Daset Mining Corp.*	Chas. J. Smith	U.S. Rt. 22	Delmont 15626
31	Davis Bros. Coal Co.*	Ben Davis	P. O. Box 45	Imperial 15126
14	Davis Coal Co. DM	Claire J. Davis	R. D. 1	Creekside 15732
30	Hawk Contracting, Inc.*	Frank Liperote	R.D. 1, Box 366A	Kittanning 16201
35	Daybrook Coal Co.*	Jas. Douglas		Dayton 16222
2, 14, 36	Dean Contr., Inc., Ernest C.* c	Juan Henkes	Box 161	New Bethlehem 16242
38A	Deemer, Fred A., Jr.*	F. A. Deemer, Jr.	R. D. 1	Reynoldsville 15851
34	Deep Valley Coal Co., Inc.*	P. J. Fleck, Jr.	2326 Green Tree	Carnegie 15106
36	Deitz, Donald W.*	Donald W. Deitz	34 Eighth Ave.	Clarion 16214
12	Delmont Resources, Inc. DM	David Hower	Box 82	Burgettstown 15021
23	Delta Coal Sales, Inc. c	David L. Jones	P. O. Box 307	Grantsville, Md. 21536
33, 40A	Delta Mining, Inc.*	William Jones	P. O. Box 307	Grantsville, Md. 21536
34	Dependable Coal & Const. Co.*	Leon R. Chiri	P. O. Box 36	Imperial 15126
38A	DeSalve Mining*	Clark Ingram	612 Orient Ave.	DuBois 15801
34	Diamond Fuel Co.*	William Fiore	Box 119	Clairton 15025
41	Diamond T Coal Co.*	Melvin Zeigler	P. O. Box 125	Friedens 15541
15	Dixonville Mining Co. DM	G. A. Kephart	Box 665	Indiana 15701
9, 38A, 46	Doan Coal Co.* c	D. G. Doan	733 Jackson St.	Reynoldsville 15851
43	Dominion International, Inc.*	Geo. Shimchock		LaJose 15753
34A	Don's Excavating *	D. Linsenbigler, Jr.	R.D. 1, Box 29A	Avonmore 15618
40, 41	Doraville Enterprises *	E. K. Wahl	R. D. 1	Somerset 15501
32	Dosse, Victor *	Victor Dosse	Box 57	Venetia 15367
35	Doverspike, Gary C. *	G. C. Doverspike	R. D. 2	Mayport 16240
14, 38, 38A,				
39	Doverspike Bros. Coal Co. DM* c	D. J. Doverspike	R.D. 4, Box 271	Punxsutawney 15767
32B	Dragan & Son *	Clark Dragan	R. D. 2	Belle Vernon 15012
22, 40	Drummond Coal Co., Inc.* c	Richard Drummond	323 Center St.	Boswell 15531
30	Duncan Coal Co.*	A. B. Duncan	R. D. 2	Slippery Rock 16057
34A	Dunn, Alfred *	Alfred Dunn	Box 141	Hostetter 15638
39A	Dunkard Creek Coal, Inc.* #	Henry E. Bartony	1008 5th Ave.	Ford City 16226
4	Dunkard Mining Co. DM c	Ernest Sauro	Box 8	Dilliner 15327
4	Duquesne Light Co. DM c	A. R. Hood	R. D. 1	Greensboro 15338
34	Duquesne Slag Products Co.*	J. L. Battistella	355 5th Ave.	Pittsburgh 15222

District	Operator	General Supt.	Address	Zip Code
33,34,34A	E & J Contracting Co.*	Jos. E. Weaver	543 Locust Val.Rd.	Greensburg 15601
35	Eagle Mountain Coal Co.*	Isaac E. Reiner	Box A	Timblin 15778
40A,41	East Ridge Mining, Inc.*#	Mark Boyce	R. D. 1	Westover 16692
24	Eastern Associated Coal Corp. DMC	M. Gonos, Jr.	1701 Koppers Bl.	Pittsburgh 15219
49	Eastern Mining Co.*	John Percival	R. D. 1	Canton 17724
4	Eberhart, George R. DM	G. R. Eberhart	R.D. 2, Box 114	Smithfield 15478
33A	Eberhart Coal Co., Ray Jr.*	Ray Eberhart,Jr.	R.D. 1, Box 121	Smithfield 15478
31	Eckenrode Coal Co.*	Wayne Yerian	Box 296	Amsterdam,O. 43903
44	Edgren Coal Co.*	Robt. Edgren		Laanse 16849
45	Edmunds Contr. & Supply Co., Inc.*	W. F. Edmunds	P. O. Box 160	Frenchville 16836
33,34,34A	Eidemiller, Inc., Adam *	L. R. Battistella	R. D. 8	Greensburg 15601
32	Eighty Four Industries, Inc.*	J. Jos. Gregg	P. O. Box 142	Eighty Four 15330
46	Elco Coal Co.*	Richard V. Scott		Weedville 15868
33	Electro-Met Coal Co., Inc.*	H. G. Council, Jr.	P. O. Box 795	Connellsville 15425
43,44,47	Elliot Coal Mining Co., Inc.*	Nigel Harley	P. O. Box 25	Osceola Mills 16666
14	Emanuel Coal Co., Inc. DM	Jack Wilson	215 Main St.	Johnstown 15901
3	Emerald Mines Corp. DMC	Donald P. Brown	P. O. Box 871	Waynesburg 15370
17,43	Empire Coal Co., Inc.*c	D. J. Benjamin		LaJose 15753
32B	Energy Resources Corp. of America*	R. P. Aggarwal	P. O. Box 107	Belle Vernon 15012
37	Equitable Coal Co.*	Joe Rupert	Drawer F	Knox 16232
35,35A	Erdley Bros. Const. Co.*	M. L. Erdley	102 Arthur St.	Kittanning 16201
46	Esquire Fuel Co.*	R. L. Ferraro	688 Main St.	Brockway 15824
32,32A	Etna Equip. & Supply Co., Inc.*	*Andrew Hynick	P. O. Box 59	Bentleyville 15314
32	Ewing, Charles W. *	Chas. W. Ewing	141 Kearn St.	Imperial 15126
39	F.L.K. Mining Co.*	Frank L. Kelley	Box 53	Alverda 15710
37	FW & RR, Inc.*	Floyd E. Walter	R. 1	Harrisville 16038
36	Fagley, Robert *	Robt. L. Fagley	122 Merle St.	Clarion 16214
44	Fahr Coal Co.*	Larry Fahr	R.D. 1, Box 658B	Osceola Mills 16666
46	Fairview Coal Co., Inc.*#	Larry Buhler	P. O. Box R	Ridgway 15853
34,39A	Fello, Thomas A. *	Thos. A. Fello	R.D. 1, Box 127	Saltsburg 15681
34,34A	Felton Enterprises, Inc.*	Clifford Felton	Box 213	Loyalhanna 15661
23,40,40A,				
41	Fetterolf Coal Co., Inc., M.F.*c	Marvin Donaldson	P. O. Box 68	Boswell 15531
22	Fetterolf Mining Inc.c	Dale Baker	P. O. Box 84	Somerset 15501
32B	Filiaggi Coal Co.*	Jas. V. Filiaggi	R.D. 6, Box 631	Uniontown 15401
46	Fink & Stackhouse, Inc.*	Fred. E. Fink	2325 Newberry St.	Williamsport 17701
40A	Finzel Coal Co., Inc.*	G. Wm. Finzel	Box 155	Grantsville,Md. 21536
35A	Fiore Development Co.*	Elmer Fiore	205 Monongahela	Glassport 15045
33,35A	Firestone Coal, Inc.*	Thomas Firestone	Box 102	Kent 15752
17,47	Fisher Mining Co.*c	J.A.Blaschak,Jr.	901 Market St.	Williamsport 17701
17,43	Flango Bros. Coal, Inc.*c	Anthony Flango	R. D. 1	Houtzdale 16651
34	Fleck Coal Co.*	Chas. J. Fleck	4316 Campbells Run Rd.	Pittsburgh 15205
44	Fleck Const. Co., G. C.*	Grover C. Fleck	P. O. Box 88	Ramey 16671
16	Florence Mining Co., The DMC	J. J. Franklin	P. O. Box 351	Seward 15954
40A	Fogle, Roland D.*	Leo Ohler	602 Diamond St.	Berlin 15530
32B	Ford & Gaskill *	Arch F. Rose		Greensboro 15338
39A	Foreman, Edward *	Edward Foreman	Box 62	Black Lick 15716
38,42,44	Fran Contracting, Inc.*	Robert Knittle	Box 28	Wallaceton 16876
45A	France Refractories Co., J.H.*	Joe Radomsky		Snow Shoe 16874
4	Francis Fuel Inc. DM	Ernest Sauro	Box 8	Dilliner 15327
39A	Freeport Coal Co., Inc.*	E. Scott Saul	R.D. 1, Box 389	Apollo 15613
32A	Friend Const. Co., H. J.*	H. J. Friend, Jr.	94 7th St.	Wellsburg,WVa. 26070
38A	Fye, Elmer *	Elmer Fye	R. D. 2	Reynoldsville 15851
21,42	GMK Co.*c	Michael D. Meehan	Box 408	Davidsville 15928
23	G M & W Coal Co., Inc. DM	C. F. Hickman	Box 112	Jennerstown 15547
33A	Gaggiani, Fred *	Fred Gaggiani	R.D. 1, Box 474	New Salem 15468
44	Gallagher Coal Co.*	John E.Gallagher	P. O. Box 92	Sandy Ridge 16677
39	Gard Mining, Inc.*	Andrew E. Stossel	212 Debbie Dr.	Indiana 15701
34	Gary John Associates *	M. D. Hanna	P. O. Box 10893	Pittsburgh 15236
26	Gateway Coal Co. DM	J. W. Connor	3 Gateway Center	Pittsburgh 15230
38A	Gearhart, Alvin *	George Krach	Juniata St.,Ext.	DuBois 15801
31	General Mines Inc.*	F. Berresford,Jr.	30060 Canal St.	Hanoverton,O. 44423
13,32B,33,				
33A	Genovese Coal Co.*c	T.R.Genovese,II	General Delivery	Chalk Hill 15421
33A	Gillis, Walter L.*	W. L. Gillis	Box 346	Hopwood 15445
9,37	Glacial Minerals, Inc.*c	Wm. C. Kriebel	8 S. 8th Ave.	Clarion 16214
2	Glacial Sand & Gravel Co.c		P. O. Box 10	Kittanning 16201
9,35,38,38A,39,				
45,45A,46	Glen Irvan Corp. DM*#c	Irvan Stoker		Penfield 15849

District	Operator	General Supt.	Address	Zip Code
14,38,38A	Glenn Coal Co., Div. of Champion Coal Co., Inc. *c	Reno Wilson	105 W. Mahoning	Punxsutawney 15767
40,40A,41	Glessner Mines *	Richard P. Bulow	R. D. 2	Somerset 15501
15,39A	Glory Coal Co., Inc. DM*	John Polenik	R. D. 2	Clymer 15728
40	Godin & Goden Coal, Inc. *	Jas. S. Godin	R. D. 1	Boswell 15531
34A	Gold Builders & Const., Inc.*	Arthur J. Hild	4183 Sardis Rd.	Pittsburgh 15239
32,33,34	Golden Flame Fuel Co. *	R. P. Schmucker	P. O. Box 945	Uniontown 15401
34	Gorr, Richard *	Richard Gorr	R.D. 1, Box 333	Elizabeth 15037
44	Graham Bros. Coal Co. *		R.D. 1, Box E230	Woodland 16881
33	Granbay Coal Co., Inc. *	Wm. Linberg	Box 15	Farmington 15437
40	Gray Mining Co., Inc. *	Raymond L. Porsch	Box 157	Kimberton 19442
34	Green, Inc., Walter *	Jos. E. Green	R.D. 1, Box 158	Scottdale 15683
45	Green Refractories Co., A.P.*	Carol Romanski	P. O. Box 68	New Bethlehem 16242
44	Greene Contr., Richard D. *	Richard Greene	R. D. 1	Woodland 16881
19	Greenwich Collieries DMc	Nicholas Letizia	P. O. Box 367	Ebensburg 15931
33A	Grigas & Ryan Coal Co. *	D. P. Ryan, II	P. O. Box 398	Point Marion 15474
32A	Gysegem Enterprises, Inc. *	Leo Gysegem	R.D. 1, Box 23	Charleroi 15022
45A	H. A. Enterprises, Inc. *	P. E. McIntosh	P. O. Box 361	DuBois 15801
30	H & D Coal Co. *	Robert Herndon	R.D. 3, Box 3629	Grove City 16127
45	H D L Co.*	Larry Baumgardner		Lanse 16849
9,36	H & G Coal & Clay Co., Inc.*c	James Uzmack	Box 245	Clarion 16214
41	H & H Coal Co.*	Fred E. Huston	1650 Arrow Rd.	Windber 15963
35	H & R Coal Co.*	L. Earl Cravener	R. D. 1, Box 434	Kittanning 16201
43	H & T Coal Co.*	Harold Hubler		Osceola Mills 16666
47	Halfway Coal Yard, Inc.*	Edward B. Hall	P. O. Box 178	Snow Shoe 16874
42	Halstock, Inc.*	Peter Swistock, Jr.	Penn Alto Hotel	Altosna 16601
44	Hamer, Ardell B.*	A. B. Hamer		Wallaceton 16876
43	Hamlin Coal Co., Inc.*#	Fred H. Lantz	P. O. Box 145	Shawville 16873
44,45	Hamilton Contr. Co., Al *	George Myers	R.D. 1, Box 41	Woodland 16881
38A	Hanley Co.*	Geo. R. Neilans		Summersville 15864
44,45	Hanslovian Coal Co., Inc., Ed.*	Ed Hanslovian	Rt. 2, Box 230	Morrisdale 16858
32	Harasty, William *	Wm. Harasty	7 Carrie St.	Pittsburgh 15212
44,45A,46	Harbison-Walker Refractories*	Chas. H. Krey	2 Gateway Center	Pittsburgh 15222
35	Harman, Paul C.*	Paul C. Harman	R. D. 1	Fairmont City 16224
5	Harmar Coal Co. DMc	Frank J. Ucciardi	450 Racetrack Rd.	Washington 15301
35,38	Harmon Coal Co.*#	John J. Harmon	Box 278	Dayton 16222
21	Harmony Mining Co. DM	Lawrence E. Long	P. O. Box 250	Johnstown 15901
45A	Hartman Contr., Warren C.*	W. C. Hartman	R.D.3, Bigler Rd.	Clearfield 16830
33	Hatalovich, George & William*	Geo. Hatalovich	Box 563	Perryopolis 15473
45A	Hatten Mining Co.*	Carl J. Hatten	P. O. Box 22	Grampan 16838
35A,39A	Hawk Contracting, Inc.*	Frank Liperote	R.D. 1, Box 366A	Kittanning 16201
40A	Hay, Robert F. *	Robt. F. Hay	R.D. 1	Salisbury 15558
39A,43	Head Coal Co.*	Floyd Ruffner	R.D. 3	Indiana 15701
25	Helen Mining Co., The DM	Jas. A. Hickman	P. O. Drawer D	Homer City 15748
17	Helena Coal Co., Inc.c		Coal Run Junction	Osceola Mills 16666
25	Helvetia Coal Co. DMc	Eugene H. Jones	655 Church St.	Indiana 15701
37	Henry, Lester C. *	Lester C. Henry	R.D. 1	Emlenton 16373
9,38A,43,45A	Hepburnia Coal Co.*c	Robt. G. Spencer	R.D. 1	Grampan 16838
22,41	Heshbon Coal Co., Inc.*c	F. R. Allison	1309 Midway	Windber 15963
33	Hibbs & Myers Coal Co.*	Wm. H. Myers	43 Foreman Ave.	Uniontown 15401
30	Highwall Mining Co., Inc.*	R. A. Freeman	113 S. Jefferson	Kittanning 16201
33	Hill, William L. *	Wm. L. Hill	608 E. Crawford	Connellsville 15425
45	Hill Coal Co.*	Jack D. Hill	104 NW 3rd Ave.	Clearfield 16830
19	Hillsdale Mining Co. DM	Norman Cessna	Box 27	Hillsdale 15746
22	Hiysota Fuel Co., Inc. DM	C. Dwight Barron	P. O. Box 336	Jerome 15937
44	Holland, Arden W. *	Arden W. Holland	R.D.3, Bigler Rd.	Clearfield 16830
34	Holliday Constructors *	John Seely	Box 259	Holidaysburg 16648
34A	Homer City Coal Co.*	John Raglani	P. O. Box 53	Homer City 15748
33	Horwath Coal Co.*	Lewis E. Horwath	630 Clarendon	Uniontown 15401
33	Hostetler, Sam *	Sam Hostetler	Box 31	New Geneva 15467
35	Houser, Earl O.*	Earl O. Houser	R.D. 1, Box 260	New Bethlehem 16242
39	Houser, William C. *	Wm. C. Houser	R.D. 3, Box 187	Indiana 15701
35	Houser Coal Co., Inc., Walter*	Walter L. Houser	R.D. 1, Box 434	Kittanning 16201
34A	Howard Development Co., Inc.*	Howard R. Jamison	R.D. 2, Box 414	Apollo 15613
46	Huff, Ronald F. *	Ronald F. Huff	Box 148	Byrnedale 15827
33	Hughes, Sherwood *	Sherwood Hughes	1 Main St.	Dunbar 15431
22	Huston, L. R. DM	L. R. Huston	R.D. 1	Central City 15926
34A	Hustosky, John *	John Hustosky	R.D. 1, Box 409	Dunbar 15431
32A	I.S.C., Inc.*	Robt. Centinaro	3755 Library Rd.	Pittsburgh 15234
39	Indian Head Coal Co.*	Robt. Vasbindee	Box 62	Hillsdale 15746
9,36,38A,45,				
45A,46	Ingram Coal Co.*c	Clark R. Ingram	Box 1	Penfield 15849
22	Intercarbon Coal Co. c	Philip R. Jamison	P. O. Box 98	Hooversville 15936
42	Interstate Fuels Co., Inc.*	Harold J. Horner	807 Main St.	Portage 15946

District	Operator	General Supt.	Address	Zip Code
43	Iracoa Coal Co., Joe G. *	Joe G. Iracoa	P. O. Box 547	Madera 16661
25	Iselin Preparation Co. c	Eugene H. Jones	655 Church St.	Indiana 15701
21	Island Creek Coal Co. DMc	Ed. L. Yanzetich	P. O. Box 271	Tire Hill 15959
33,33A	J & B Coal Co.*	Bernard J. Bealko	49 Heritage Hills	Uniontown 15401
7,13	J & C Loading Co. c	Chas. F. Speggen	220 Cumberland	Masontown 15461
22	J & D Mining, Inc. DM	Jos. D. Caola	Box 67	Boswell 15531
38	J.O.T. Coal Corp.*	David Osikowicz	P. O. Box 343	Punxsutawney 15767
41	J & P Mining Co., Inc.*	Terry Custer	Box 58	Central City 15926
36,37	Jack Bros. Const. Co.*	A. L. Jack	R. 1	Emlenton 16373
35	Jacobs Contracting Corp.*	Chas. J. Smith	U.S. Rt. 22	Delmont 15626
21	Jandy Coal Co., Inc. DMc	John A. Swick	P. O. Box 207	Windber 15963
33	Jebco Coal Co., Inc.*	Wm. J. Cornell	P. O. Box 968	Uniontown 15401
38A	Jefferson-Clearfield Coal Co., Inc.*	Robt. L. Bush	1008 S. 2nd St.	Clearfield 16830
45A	Jeffrey B. Coal Co., Inc.*	Guy A. Graham	1124 Old Town Rd.	Clearfield 16830
17	Jill Mining Co., Inc. c		P. O. Box 8	Wallacetown 16876
4	Johnson Co., The R. G. %	Wilbur C. Grooms	25 S. College St.	Washington 15301
17,45,47	Johnson & Morgan *c	Wm. J. Morgan		Snow Shoe 16874
30	Johnston, Robert J. *	R. J. Johnston	311 N. 2nd St.	Apollo 15613
34	Johnston The Florist *	Frank Hernandez	P. O. Box 100	McKeesport 15134
14	Johnstown Coal & Coke Co. c	O. L. Hawkins, III	215 Main St.	Johnstown 15901
32	Joki, R. W. *	R. W. Joki	R.D. 5	Finleyville 15332
44,45A	Jones Coal Co.*	Richard L. Jones	Box 173	Kylertown 16847
17,47,49	Jones & Brague Mining Co.*c	Raymond F. Brague	106 Carpenter St.	Blossburg 16912
8,13	Jones & Laughlin Steel Corp. DMc	J. W. Connor	Box 608	California 15419
32B	Jordan, Benjamin F.*	B. F. Jordan	R.D. 1	Dillner 15327
32A	K.E.S. Enterprises, Inc.*	Kenneth E. Smith	721 Main St.	Bentleyville 15314
41	K & G Coal Co.*	Frank Gerney	Box 201	Cairnbrook 15924
45A	K.G.R. Mining, Inc.*	K. G. Richards	810 LincolnWay E.	McConnellsburg 17233
36,38A	K.I.T. Industries *	L. J. Schmader	Box 69A	Lucinda 16235
17,43,44,45K	K & J Coal Co., Inc.*c	Art Shields		Lanse 16849
33	Kaiser Refractories *	J. W. Pleacher	P. O. Box 60	Frostburg,Md. 21532
9,38,43	Kann Coal Co., Inc.*c	Jack Shick	Box 243	Shippenville 16254
11	Kaskan Coal Co. DM	George Kaskan	R.D. 2	Vandergrift 15690
43,44	Kasubick Bros. Coal Co.*	Ray Kasubick	Charles St.	Houtzdale 16651
46	Keech Coal Co. *	Clyde Keech	R.D. 2	Kersey 15846
32B,33	Kelley Enterprises, Inc.*	Donald Kelley	P. O. Box 455	Fairchance 15436
31	Kelly Mining Co.*	Richard Gorr	2600 Buena Vista	Elizabeth 15037
14	Kennedy Coal Co. DM	R. V. Kennedy	R.D. 5, Box 126	Punxsutawney 15767
33A,34	Kendi & Sons, Inc., Paul *	P. W. Kendi, Jr.	R.D. 3	Mt. Pleasant 15666
35,35A,39A	Kent Coal Mining Co.*#c	A. D. Davis	655 Church St.	Indiana 15701
1,30,31	Kerry Coal Co.*#c	Vernon Y. Kerry	R.D. 2	Portersville 16051
10,15	Keystone Coal Mining Corp. DM	Eugene H. Jones	655 Church St.	Indiana 15701
38	Keystone Mining Co.*c	R. Dean Neal	R.D. 2, Box 162	Punxsutawney 15767
35	Keystone Portland Cement Co.*	S. Schoonover	2200 Hamilton St.	Allentown 18101
35A,40A	King Coal Co.*		233 N. Craig St.	Pittsburgh 15213
43	Kitko, Francis B. *	Francis B. Kitko		Madera 16661
14	Kniseley Coal Co. DM	F. Caltagarone	Box 158	Reynoldsville 15851
42,45A	Kolak, John *	John Kolak		Ashville 16613
34A	Kowalski, Frank *	Frank Kowalski	1742 Greensburg	New Kensington 17072
38A	Krach & Gearhart *	George Krach	R.D. 2	DuBois 15801
33,34A,35A,				
39A	Kravetsky, Charles *	Chas. Kravetsky	Box 194	Avonmore 15618
14	Kraynak Coal Co. DM	Thos. Kraynak	R.D. 1	Mahaffey 15757
45A	Krieger Coal Inc.*	James Krieger	R.D.	Saxton 16678
33A	Krulock, Steve *	Steve Krulock	R.D. 6, Box 422	Uniontown 15401
32	Kuhar, Mike *	Mike Kuhar	Box 73	Bentleyville 15314
33	Kutsenkow, George *	Geo. Kutsenkow	P. O. Box 69	Clairton 15025
34	L & A Coal Co., Inc.*	J. L. Battistella	Box 191	Youngwood 15697
45A	L & B Coal Co. *	Raleigh Barnett		Waterfall 16689
35	L & E Const. & Equip. Co.Inc.*	Leon L. Echnoz	R.D. 7	Kittanning 16201
3	L. & J. Docks c	Jas. V. Filiaggi	R.D. 1	Greensboro 15338
9	Lady Jane Collieries, Inc. DMc	Wm. Hoffman	P. O. Box 130	Philipsburg 16866
34A,35A	Lakeside Coal Co., Inc.*	Robt. E. Altmire	P. O. Box 266	Apollo 15613
43,44	Lansberry Coal & Exc. Co.*#	J. B. Lansberry	R.D. 1	Woodland 16881
30	Large Coal Co., Inc.*	Guy Benack	476 Route 51	Large 15025
41	Lasky Construction Co., Inc.*	Stanley Lasky	R.D. 1, Box 89-C	Holsopple 15935
34A	Latimer Brothers *	Dale Latimer	P. O. Box 292	New Alexandria 15670
34A	Laurel Coal Co.*		1085 E.Pgh. St.	Greensburg 15601
33	Laurel Ridge Coal, Inc.*	E. Nicholson, Jr.	P. O. Box 62	Normalville 15469
32B,33A	Laurita Trucking Co., Jerry *	Jerry Laurita	R.D. 1, Box 137	Point Marion 15474
33A	Lavery, Elzie E. *	Elzie E. Lavery	424 S. Mt.Vernon	Uniontown 15401

District	Operator	General Supt.	Address	Zip Code
32B,33	Lawrence Coal Co.*	J. V. Filiaggi	R.D. 6, Box 631	Uniontown 15401
42	Lawrence Resources*	Jos. A. Kirsch	P. O. Box 521	Hastings 16646
42	Lechene Coal Co., Inc.*	Leo L. Lechene	R.D. 1, Box 364A	Patton 16668
11	Leechburg Mining Co. DMc	Thos. L. Dumshire	320 Canal St.	Leechburg 15656
32B	Leeland Development *	Lewis A. Brumley		Dilliner 15327
41	Lochrie Coal Co.*	Howard Lochrie	828 Statler Rd.	Windber 15963
44	Long Coal Co., A. W. *	Wm. A. Long	1203 Presqueisle	Phillipsburg 16866
21	Longwall Mining, Inc. DM	George Ledney	900 Mine 42	Windber 15963
42	Lovell, Allan E. *	Allen E. Lovell	Box 73	Blandburg 16619
65	Low Vol Energies, Inc.*	Myron W. Corle	P. O. Box 418	Broad Top City 16621
11,34A	Loyal Creek Coal Co. DM*	Robt. Helfer	Box 200	Slickville 15684
30,37	Lucas Coal Co., Inc.*	Dale Smith	107 Breckenridge	Grove City 16127
36	Lucinda Coal Co., Inc.*	B. E. Henderson	Box 153	Lucinda 16235
22	Lunar Mining Inc. DM	Ron Corl	900 Mine 42	Windber 15963
33A	Luzerne Coal Corp.*	Wayne D. Wilson	Box 50	East Millsboro 15433
35	M & C Coal Co.*	E. B. Armitage	311 N. 2nd St.	Apollo 15613
21,42	M & K Coal Co. @c	Michael Meehan	P. O. Box 408	Davidsville 15928
44	M & M Construction Co.*	Don McDowell	R.D., Box 33	Morrisdale 16858
35,39A,42	M & M Mining, Inc.*	Kenneth Morchesky	R.D. 1	Carrolltown 15722
39	M & R Coal Co.*	J. E. Samfella	Box 388	Rochester Mills 15771
34A	M & S Mining, Inc.*	Andrew Smith	R.D.4,P.O.Box 404	Blairsville 15717
36,45A	M S M Coal Co., Inc.*	Robert Lyle	P. O. Box 243	DuBois 15801
34	Maceral Corp.*	Wm. Bates	P. O. Box 519	Carnegie 15106
34A,39A	Mac-Mar, Inc.*	Jas. McLaren	R.D. 4, Box 250	Blairsville 15717
30	Malinski, Charles P. *	C. P. Malinski	R.D. 3	Butler 16001
34,34A	Manges, Lloyd #*	Lloyd Manges	R.D. 3	Ligonier 15658
35A	Manor Minerals, Inc.*	Wm. F. Stitt	265 S. Jefferson	Kittanning 16201
14	Manor Mines, Inc. DM	LeRoy C. Betts	R.D. 2	Homer City 15748
9	Manor Mng. & Contr. Corp. DM	James Krolick		Bigler 16825
32	Marick, Inc. @	M. J. Rosecrans	600 Clemson Dr.	Pittsburgh 15243
39	Marion Center Mining Co.*	R. E. Kinter	31 6th St.	Clymer 15728
23	Mark Mining, Inc. DM	Nick Villa	R.D. 4, Box 84	Somerset 15501
14,35,38	Markle-Bullers Coal Co.*c	C. E. Powell	Keystone Bldg.	Kittanning 16201
33,33A	Marsolino Coal & Coke, Inc.*	Robert Smouse	P.O. Drawer X	Uniontown 15401
35	Martin Coal Co., Jas. E.*#	Jas. E. Martin	R.D. 1	Templeton 16259
23	Materials Transportation Ass.*	T. N. Flocos		Garrett 15542
6	Mathies Coal Co. DMc	R. A. McGregor	450 Racetrack Rd.	Washington 15301
9,35,36	Mauersberg Coal Co.*c	Robt. Mauersberg		Sigel 15860
36	Mays Coal Co.*	Jas. A. Mays, Jr.	P. O. Box 447	Clarion 16214
40	Mayse Coal Co., M. E.*	M. E. Mayse	R. D. 2	Boswell 15531
42	Mazzarella Coal Co.*	Rich. Mazzarella	338 Myers St.	Ebensburg 15931
37	McCauley, C. A.*	C. A. McCauley	P. O. Box 127	New Bethlehem 16242
40	McClintock, J. Lloyd *	J. L. McClintock	R. D. 1	Rockwood 15557
45A	McDonald Land & Mng.Co.,Inc.*	Homer Price	P. O. Box 104	Grampian 16838
34	McGal Coal Co., Inc.*	Anthony Ruscitto	P. O. Box 127	Belle Vernon 15012
34	McGill, John C. *	John C. McGill	R.D. 3, Box 485C	Mt. Pleasant 15666
44	McGovern Coal Co., Clair C.*	Joseph Ratter		Karthaus 16845
15,35A,39,				
39A	McIntire Coal Co.,Inc., Wm.*#c	Ronald McIntire	P. O. Box 171	Shelocta 15774
35	McKay Coal Co.*	Robert McKay	R. D. 2	Templeton 16259
15,35A,39,				
39A	Mears Coal Co. DM#c	Kerry Mears	P. O. Box 188	Dixonville 15734
31	Medusa Cement Co.*	R. L. Everhart	P. O. Box 68	Wampum 16157
33A	Medved Mining Co.*	Harold Medved	R.D. 1, Box 26	Lake Lynn 15451
33	Menallen Coke Co.*	Max Nobel	Box 458	New Salem 15468
1	Meredith Mining Inc. DM	Dale P. Meredith	497 LardintownRd.	Sarver 16055
40,41	MetCo Mng. & Minerals, Inc.*	Dwaine R. Martin	531 N. Center Av.	Somerset 15501
38	Meterko, Andrew R. *	A. R. Meterko	P. O. Box 26	DeLancey 15733
32	Midway Coal Co.*	F. W. Kramer	Box 241	McDonald 15057
34	Mikel, Edward *	Edward Mikel	R. D. 1	West Newton 15089
36	Miles Coal Co., Clyde *	Clyde Miles	R. D. 2	Summersville 15864
36	Miles Coal Co., Steven *	Clyde Miles	R. D. 2	Summersville 15864
34	Miller, Nelson L. Jr. *	N. L. Miller, Jr.	4th St. Ext.	Sutersville 15083
1,30,31	Miller & McKnight Coal Co., Inc.*c	Gary McKnight	R. D. 2	Slippery Rock 16057
34A	Milrock Mining, Inc.*	R. S. Sinclair	P. O. Box 31	Champion 15622
36,38	Minich, Darl *	Darl Minich	R.D. 2, Box 115	Mayport 16240
33	Minor, Walter Jr.*	Walter Minor, Jr.	Box 31	New Geneva 15467
38	Moore Coal Co., Everett *	Glenn Moore	304 Indiana St.	Punxsutawney 15767
17,47	Moore & Son,Inc.,W. G.*c	W. A. Johnson	314 N. 4th St.	Phillipsburg 16866
40A	Moran Trucking & Coal Co.,Tom*J. P. Stoddard,Jr.	P. O. Box 411		Somerset 15501
34	Morcoal Co.*	Grido Stefanon	100 W. Otterman	Greensburg 15601
9,45	Moshannon Falls Mng. Co.,Inc.*c	A. E. Woolridge	P. O. Box 472	Clearfield 16830

District	Operator	General Supt.	Address	Zip Code
32	Mt. Thor Minerals, Inc.*	H. C. Humphreys	P. O. Box 1106 Greensburg	15601
32B	Myers Coal Co.*	Wm. H. Myers	R.D. 1, Box 227 Lemont Furnace	15456
32B	Nardei Contr. Co., Inc.*	Gildo Santella	437 Railroad St. Bridgeville	15017
31	Nastas, Nauncy *	Wayne Yeran	1840 Lawrence Av. Ellwood	16117
30	Nastasi Coal Co.*	Chas. Peiffer	R. D. 1 Hilliards	16040
13	National Mines Corp. DMc	Regis E. Rusnock	Isabella	15447
38A	Neal Coal Corp., Howard *	Jas. J. Bearer	134 S. 6th St. Indiana	15701
34A,39A	Negley Coal Co.*	Merle Negley	P. O. Box 151 Britsburg	15681
3	Nemacolin Mines Corp. DMc	Jack Conner	P. O. Box 158 Nemacolin	15351
45A	New Enterprise Stone & Lime Co., Inc.*	D. L. Detwiler	New Enterprise	16664
45A,46	New Shamut Mining Co.*#	A. Palumbo	406 Church St. St. Marys	15857
35A	Nicholson Run Coal Co.*	Wm. Buzzard	P. O. Box 508 Somerset	15501
16,25	North American Coal Corp., The DMc	Glenn A. Marshall	Seward	15954
17,34A,39,39A,40,42	North Cambria Fuel Co.*c	Jas. J. Bearer	1st Nat'l Bk.Bl. Spangler	15775
33	Oak Run Coal, Inc.*	Frank Sabatine	P. O. Box 576 Uniontown	15401
35,39	Oak Tree Coal Co.*	R. A. Leaseur	R. D. 3 Indiana	15701
33	Oberlechner, Steve *	Steve Oberlechner	R.F.D.1,Box 440 McClellandtown	15458
34	O'Brien & Son, Inc., Wm.H.*	Wm. H. O'Brien	508 Old Franks-town Rd. Monroeville	15146
34A,39,39A	Old Home Manor, Inc.*	Robt. C. Salak	R. D. 2 Homer City	15748
32B	Omni Energy Corp.*	D. O. Campbell	P. O. Box 281 Carmichaels	15320
15	Oneida Mining Co., The DM	Geo. Trevorrow	P. O. Box 367 Ebensburg	15931
42A	Onyx Mining, Inc.*		1000 Jefferson Hgts. Dr. Pittsburgh	15235
34	Overly, L. W. *	L. W. Overly	R. D. 1 Mt. Pleasant	15666
34	Overly Coal Co., Walter *	Walter Overly	R.D. 1, Box 142 Mt. Pleasant	15666
22,23,40,40A,41	PBS Coals, Inc.*#c	Clark Heist	P. O. Box 125 Friedens	15541
35A	P & L Coal Co., Inc.*	Peary Farester, Sr.	R.D. 3, Box 316A Ford City	16226
49	P & M Coal Co.*	Jon S. Percival	R. D. 1 Canton	17724
9,14,35,38,39,43,45A,46	P & N Coal Co., Inc.*c	D. J. White	242 W. Mahoning Punxsutawney	15767
34	P N B P Coal *	Jess Parnell	R. D. 2 Boswell	15531
38	P & Y Coal Co.*#	Jas. A. Yeane	R. D. 3 Brookville	15825
32	Pangersis Coal Co.*	Edward Pangarsis	R.D.1,Shirley Ln.Oakdale	15071
38	Park, Sarah L. *	Chas. E. Powell	Keystone Bldg. Kittanning	16201
33	Parnell, James *	Jas. Parnell	Box 437 Lemont Furnace	15456
11	Partner Coal Co. DM	Robt. Greece	R.D. 4, Box 245 Apollo	15613
34A	Patrick, Richard *	Richard Patrick	P. O. Box 836 Connellsville	15425
34A	Paulisick, Robert M. *	R. M. Paulisick	171 Stotler Dr. Delmont	15626
26	Peggs Run Coal Co., Inc. DMc	Richard Anderson	P. O. Box 184 Shippenport	15077
39A	Peibro Fuel, Inc.*#	Nestor Peles	Glen Campbell	15742
42,43	Peles Coal Co., Inc.*	Joseph Peles	R. D. 1 Glen Campbell	15742
40A	Pembroke Coal Co.*	Jack Weimer	P. O. Box 245 Garrett	15542
1,37	Pengrove Coal Co.*c	Leonard Chutz	R.D. 3, Box 3629 Grove City	16127
34	Penn Aggregates *	James Laspina	R. D. 1 Irwin	15642
44	Penn Coal Co., Inc.*	L. & R. Thompson	P. O. Box 626 Philipsburg	16866
11	Penn Allegh Coal Co., Inc. DMc	Edward Michaels	R.D. 2, Box 238A Tarentum	15084
15	Penn Hill Coal Corp. DM	Kerry Mears	P. O. Box 188 Dixonville	15734
34	Penn Lear Development Corp.*	Bernard N. Dickun	2620 Mossie Bl. Monroeville	15146
23,40A	Penn Pocahontas Coal Co.*c	Marvin Donaldson	P. O. Box 248 Garrett	15542
32A	Penn Sherman Corp.*	Charles Metz	R.D. 1, Box 91 Bentleyville	15314
40,41	Penn Somerset Corp.*	Herman Tiberio	P. O. Box 150 Latrobe	15650
32A	Penn-United Energies, Inc.*	Frank Cortez	P. O. Box 2388 Wintersville, O.	43952
42	Pennsylvania Energy Corp.*		P. O. Box 508 Somerset	15501
39	Pennsylvania Mineral Co.*	J. R. Slate, Jr.	500 Lloyd Ave. Latrobe	15650
32	Pennweir Construction Co.*	Frank Pettito	401 Penn Ave. Weirton, WVa.	26062
45A	Pentz Coal Co., Inc.*	Drexel Pentz	Grampian	16838
47	Percival, Paul *	Timothy Allen	R. D. 1 Canton	17724
1,30,31	Perry Bros. Coal Co.*c	Russell Snyder	Box 1163 Sharon	16146
32,34	Petricca, Eugene *	James Petricca	R. D. 2 Burgettstown	15021
37	Phillips, Merle H. *	Merle H. Phillips	R.D. 2, Box 50 Sligo	16255
32,34A	Piccolomini, William *	David E. Baker	213 W. Wash. Ave. Connellsville	15425
24	Pierce Bros. Inc. c	John Pierce	630 Main St. Johnstown	15901
43,44,45	Pike Coal Co.*	Ralph N. Thompson	Morrisdale	16858
31	Pittsburgh Refractories, Inc.*	James Keibler	10th Fl., Benedum Trees Bldg. Pittsburgh	15222
34A	Polar Coal Co.*#	Jessie J. Jolly	200 Willow Crossing Rd. Greensburg	15601
33A	Pontorero & Sons Coal Co.*	Paul Pontorero	231 S. Water St. Masontown	15461
22	Potochar & Potochar Coal Co. DM	J. & R. Potochar	R. D. 1 Hooversville	15936

District	Operator	General Supt.	Address	Zip Code
43,44,47	Power Contr. Co., Inc.*	Nigel Harley	P. O. Box 684	Philipsburg 16866
33	Purco Coal, Inc. *#	A. J. Ripepi	R.D. 2, Box 384	Monongahela 15063
33A	Puskar, John *	John Puskar, Jr.	R. D. 1	Dawson 15428
46	Quinn Coal & Clay Mines*	Theodore W. Quinn	P. O. Box 347	Emporium 15834
34	R.A.S. Excavating Co.*	Harry Finney	R. D. 1	Oakdale 15071
9,35,36,38A	R.E.M. Coal Co., Inc.*ç	Amor D. Bullers	271 Main St.	Brookville 15825
34,34A	R.J.R. Coal & Const. Co.*	Richard Weaver	P. O. Box 219	Greensburg 15601
39A	R & L Development Co.*	Dale Latimer	P. O. Box 292	New Alexandria 15670
46	R & R Coal Co.*#	Leo Shaffer	P. O. Box A-1	Brockway 15824
33	R & R Contracting *	David M. Krisch		Jones Mills 15646
32B	R & S Coal Co.*	R. J. Stankola	R.D. 7, Box 236	Dilliner 15327
40	Ram Construction Co.*	Donald Soberdash	R.D. 1, Box 426A	Dunbar 15431
34A	Ramaley Equip. & Supply Co.*	C. B. Ramaley	Rte. 22	New Alexandria 15670
35	Ratay Coal, Inc.*#	Edward J. Ratay	R. D. 1	Penn Run 15765
39,39A	Rayne Mining Co.*	Robt. P. Neese	R. D. 2	Indiana 15701
46	Rearick Coal Co., Wm. P.*	Wm. P. Rearick	Box 32	Byrnedale 15827
35A	Rearick Corp., L. D.*	L. D. Rearick	R.D. 3, Box 280A	Ford City 16226
39	Red Gap Coal Co.*	Willis D. Gardner	P. O. Box 179	Glen Campbell 15742
35,36	Reddinger, Terry *	Dennis Reddinger	Box 58	Distant 16223
44	Reese, Oliver P. *	O. P. Reese	Box 174	Kylertown 16847
44	Reese Brothers *	Courdes B. Cramer	709 McAteer St.	Houtzdale 16651
45	Reese Coal Co., Inc., Philip *	Philip Reese		Karthus 16845
36	Reichard Paving & Exc., Gene *	Gene Reichard	R. D. 3	New Bethlehem 16242
38	Reiner, Melvin *	Melvin D. Reiner	R. D. 2	Mayport 16240
22	Reitz Coal Co. DMç	Lloyd Manges	509 15th St.	Windber 15963
39A	Rely Coal Co.*	Fred Repach	R. D. 3	Indiana 15701
1,5,8,12	Republic Steel Corp. DMç	J. R. Eaton	Fayette Bk.Bldg.	Uniontown 15401
38A	Rice Coal Co. *	Max Rice	711 Edward St.	Philipsburg 16866
22	Richland Coal Corp. DM	Ernest Martinage	R.D. 1, Box 434	South Fork 15956
33A	Richter Trucking Co.*	Orville Richter	1425 Chestnut St.	S.Connellsville 15425
42	Ridge Mining Co.*	Theodore Seskey	R. D. 5	Duncansville 16635
36	Ridgeview Coal Co., Inc.*	James N. Hosey	Box 275	Rimersburg 16248
9,17,40A,				
45,46,47	River Hill Coal Co., Inc.*ç	Raymond Larson		Kylertown 16847
35A	Rob Coal Co.*#	C. O. Creel	P. O. Box 188	Apollo 15613
33	Robbie Coal & Fuel, Inc.*	Robbie Rose	R.D.2,Univ. Dr.	Dunbar 15431
34	Robinson, Alice K. *	L. Robinson, Jr.	107 Mt. Blaine	McMurray 15317
37	Rockland Mining Co.*	Jerome P. Siegel	93 S. 7th Ave.	Clarion 16214
37	Romanko Bros. Enterprises, Inc.*		R. D. 1	Kennerdell 16374
32B,33,33A,				
34,34A	Rondell Co., The *	Wendell Charles	R.D. 3, Box 536	Monongahela 15063
33	Rose Coal Co., John C. *	John C. Rose	Pechin Rd.	Dunbar 15431
34	Rosini's, Inc.*	Edward Pangersis	R.D.1,Shirley Ln.	Oakdale 15071
38A	Rosio Coal Co.*	James R. Rosio	14 Alida Ave.	DuBois 15801
32A,33A	Rostosky Coal Co., Joseph *	Joseph Rostosky	R.D. 3, Box 112	Monongahela 15063
44	Roy Coal Co.*	Roy Mays		Olanta 16863
33A	Ruane Arnold Coal Co.*	Maurice J. Ruane	Box 278	Hopwood 15445
33	Ruane Coal & Coke Co.*	J. L. Ruane, Jr.	Box 485	Fairchance 15436
39	Ruffner Coal Co.*	Floyd Ruffner	R. D. 3	Indiana 15701
43	Ruffner Coal Co.*	James Ruffner	Box 263	Madera 16661
32B	Rumble Coal, Jim *	Jim Rumble		Greensboro 15338
33A	Rush Coal Co., Inc. *ç	Walter Ressler	3940 Monroeville	Monroeville 15146
17	Rushton Mining Co. DMç	Blair Rickard	P. O. Box 589	Philipsburg 16866
44	Ryan Bros. Coal Co.*	Robt. E. Ryan	Box 177	Hyde 16843
44	Ryan Estate, William W. *	Timothy M. Ryan	210 Johns Dr.	Clearfield 16830
30	S.B.P. Coal Co.*	Darrell J. Keihl	Box 30	Kit tanning 16201
1,30	S & C Pipeline Co.*ç	Joseph Smeltzer	Box 308	Mercer 16137
17	S & D Trucking Co.ç		P. O. Box 178	Snow Shoe 16874
33A	S.D.S. Const. Co., Inc.*	Charles McClain	Box 322	Republic 15475
45	SRP Coal Co., Inc.*	Robt. C. Penoyer	P. O. Box 433	Clearfield 16830
40A	S & S Coal Co.*	Donald Soberdash	R.D. 1, Box 426A	Dunbar 15431
35A	S & S Coal Co., Inc.*	J. Merle Smith	R. D. 1	Avonmore 15618
39A	Sable, James R.*	J. R. Sable	2801 Freeport Rd.	Pittsburgh 15238
45A	Sadoti, Nick J.*	Bruce Graham	P. O. Box 225	Clearfield 16830
33A	Sager Coal Co.*	John R. Slate,Jr.	R. D. 1	Belle Vernon 15012
23	Sanner Coal Co.ç	Robert Sanner	R.D. 3, Box 138A	Meyersdale 15552
40A	Sanner Bros. Coal Co.*	Robert Sanner		Rockwood 15557
41	Schmidt Coal Co., William *	Wm. Schmidt	R. D. 1	Champion 15622
23,40A,41	Scurfield Coal, Inc.*ç	Wm. E. Scurfield	226 Main St.	Berlin 15530
35	Shaffer, Cecil *	Cecil Shaffer	P. O. Box 253	Apollo 15613
41	Shade Mining Co.*	Donald R. Hoffman	P. O. Box 121	Friedens 15541

District	Operator	General Supt.	Address	Zip Code
40A	Shaffer, Walter F. *	Walter F. Shaffer	Listonburg	15457
38	Shaffer, Cecil *	Cecil Shaffer	P. O. Box 253	Apollo 15613
41	Shaffer, Myron *	Myron Shaffer	801 Shady Lane	Windber 15963
36,38A	Shaffer Mining Co.*	Tim Shaffer	R.D. 5, Box 66	Punxsutawney 15767
43,45A	Shale Hill Coal Co., Inc.*	Edward Spencer	R. D. 1	Grampian 16838
9,36	Shannon Coal Co.*#c	Glenn Shook	Box 69	Clarion 16214
9,45,45A,46	Shawville Coal Co.*c	Robert D. Depp		Shawville 16873
34A	Shearer Development Corp.*	R. Scott Shearer	P. O. Box 377	New Alexandria 15670
45	Shiloh Contracting Co.*	Oliver P. Reese	Box 34	West Decatur 16878
36,37	Siegel, Thomas E.*	Thomas E. Siegel	R.D. 2, Box 618A	Shippenville 16254
9,36,37	Siegel Coal Co., Harold A.*c	H. A. Siegel	P. O. Box 626	Clarion 16214
43,45	Simca Mining, Inc.*	George Shimchock	405 James St.	Curwensville 16833
34A,39A	Simpson, Marshall J. *	M. J. Simpson	R.D. 2, Box 108	Saltsburg 15681
32	Simpson, Robert L. *	Robt. L. Simpson	Box 121	Roscoe 15477
39	Sivard Bros. Coal Co.*	Budd E. Sivard	R.D. 1, Box 199	Clymer 15728
9,38,38A,43,				
45,45A,46	Sky Haven Coal, Inc.*c	Jos. A. Owens	R. D. 1	Penfield 15849
34	Slate Const. Co., Inc.*	J. R. Slate, Jr.	500 Lloyd Ave.	Latrobe 15650
40A	Slifco Bros. Coal Co.*	John Slifco	R. D. 3	Berlin 15530
38A	Smith, Calvin C. *	Calvin C. Smith	R. D. 1	Reynoldsville 15851
30	Smith, Lester E. *	Lester E. Smith	R. D. 1	Worthington 16262
34A	Smith, Victor P. *	Victor P. Smith	P. O. Box 242	Ligonier 15658
38A	Smith Coal Co., A. A.*	Jas. A. Smith	R.D.2,DuBois Rd.	Brockway 15824
34A,39A	Smith's Blacktop Paving Co.*	Albert Smith	R.D. 1, Box 302	Derry 15627
34A	Smoker Coal Co.*	Frank Smoker		Derry 15627
33,33A	Snyder, Curtis *	Curtis Snyder	R.D. 1, Box 491	Acme 15610
35A	Snyder, John W. *	John Snyder	Box 157	Eau Claire 16030
35A	Snyder Co., C. H. *	C. H. Snyder, Jr.	P. O. Box 10	Kittanning 16201
33A,40A	Soberdash Coal & Coke Co.*	Donald Soberdash	R.D. 1, Box 426A	Dunbar 15431
22,23	Solar Fuel Co. DM	Kenneth Ross	Box 488	Somerset 15501
32A,33,33A,				
34	Solomon & Teslovich *	Robert Johnson	R. D. 2	Monongahela 15063
32A	Solomon & Teslovich, Inc.*	David E. Baker	P. O. Box 768	Masontown 15461
34	Sosko, Eugene *	Eugene Sosko	R.D. 3, Box 330	Mt. Pleasant 15666
34,34A	Spec Coal *	Robt. E. Ankney	R. D. 2	Boswell 15531
33A	Sperko, Joseph *	Joseph Sperko	P. O. Box 144	McClellandtown 15458
32B	Sperko, Robert *	Robert Sperko		McClellandtown 15458
23	Spewock, Theodore DM	Theodore Spewock	R.D. 5, Box 250	Latrobe 15650
34	Spotlight Coal Co., Inc.*	Walter Overly	3940 Monroeville	Monroeville 15146
38	Spring Valley Coal Co.,Inc.*	Richard A. Miller	R.D. 5, Box 218A	Punxsutawney 15767
9,36,38A	Stahlman Coal Co.,Inc.,W.P.*c	Ed Best	P. O. Box 69	Clarion 16214
38	Stanford, Richard *	Richard Stanford	R.D. 5, Box 138	Punxsutawney 15767
34	Stanley Construction Co.*	S. Calderelli	753 Allegheny River Blvd.	Verona 15147
40,40A	Star Coal Co.*	A. Kukenberger	Box 408	Davidsville 15928
40	Star Minerals Co.*	LeRoy Miller	Box 408	Davidsville 15928
38A	Starr, Ivan Jr. *	Ivan Starr, Jr.		Brockport 15823
31,32	Steffkovich Bros., Inc.*	Albert Stefkovich	R. D. 2	Avella 15312
24	Stella Maris Coal Co. DM	T. E. Johnston		Dysart 16636
17,44,47	Stott Coal Co., Inc.,Jas.M.*c	John J. Murgas	P. O. Box 130	Philipsburg 16866
38A,45A	Strishock Coal Co.*	S. A. Strishock	P. O. Box 258	Brockway 15824
38A	Sugar Hill Limestone Co.*	Russell A. Smith	P. O. Box 69	Reynoldsville 15851
40A	Summit Coal & Contr., Inc.*	George Cramer	151 W. Union St.	Somerset 15501
40,41	Summit Mines, Inc.*	Danny Boone	R.D. 2, Box 211A	Friedens 15541
40A	Sun Coal Co.*		R. D. 1	Salisbury 15558
1,30	Sunbeam Coal Corp.*c	N. D. Biase	Box 5	Boyers 16020
35A	Sunset Coal Co.*		500 Brown Ave.	Turtle Creek 15145
23	Svonavec Coal Co.c	S. A. Svonavec,Jr.	140 W. Union St.	Somerset 15501
40	Svonavec, Inc.*	S. A. Svonavec,Jr.	140 W. Union St.	Somerset 15501
33A	Swenglish Coal Co.*	Lawrence Swenglish	R.D. 4, Box 614	Uniontown 15401
45	Swistock, Inc.*		P. O. Box 232	Philipsburg 16866
42,44,45	Swistock & George *	P. Swistock, Jr.		Houtzdale 16651
39	T L H Coal Co.*#	B. R. Loughry	R. D. 1	Rochester Mills15771
38A,44	T & T Clay Co.*	Clinton Thompson	209 Spruce St.	Philipsburg 16866
46	Tamburlin Bros. Coal Co.,Inc.*G.	L. D. Tamburlin	R. D. 1	Brockport 15823
35	Taylor, Robert F. *	W. Chas. Olinger	R.D.5,Rt. 422E	Kittanning 16201
33	Tedesco, William K. *	Wm. K. Tedesco	Box 143	Wyano 15695
32A	Teer Co., Nello L. *	C. D. Latham	P. O. Box 11	Eighty Four 15330
9,45	Teeter Coal Co., John *c	John Teeter, Jr.	P. O. Box 257	Martinsburg 16662
14	Terry Coal Sales, Inc.c		Box 58	Distant 16223
2	Tesone Coal Co. DM	Otis L. Sherry	Box 105	Petrolia 16050
38A,45A	Thomas Coal Co., Inc.*	Russell Perks	P. O. Box 188	Grampian 16838
9	Thomas Coal Sales, Inc.c		P. O. Box 188	Grampian 16838

District	Operator	General Supt.	Address	Zip Code
38A	Thomas Fuels, Inc.*	Phil Marchiori	Box 244 Brockway	15824
44	Thompson Bros. Coal Co., Inc.*	Leonard Thompson	P. O. Box 626 Philipsburg	16866
44	Thompson Coal Co., Inc., John A.*	John Shimchock	Box 967 Clearfield	16830
38A	Thompson Fuel Co.*	Thos. E. Thompson	R. D. 2 Brockway	15824
31	Thompson Mining Co.*	Dwain Burt	3379 E. Garfield New Springfield, Ohio	44443
40A, 41	Three S Coal Co.*	Daniel W. Swank	Stoystown	15563
30	Tiche Limestone & Const. Co.*	Letta Tiche	R. D. 1 Boyers	16020
8	Tremont Mining Co. DM	Edward Baker	188 Arlington Av. Charleroi	15022
22	Trent Coal, Inc. DM	Bruce W. Trent	R. D. 1 Friedens	15541
4	Triangle Enterprises DM	H. S. Gugliotta, Jr.	Route 88 Dilliner	15327
23	Tri-C Coal Co., Inc. c	Dwaine Martin	531 N. Center Av. Somerset	15501
11	Tunnelton Mining Co. DMc	Wm. D. Weimer	R.D. 1, Box 695 Saltsburg	15681
44	Turner Coal Co., W. R.*	Geo. M. Yingling	R.D. 3, Box 96 Philipsburg	16858
32, 32A	Twilight Industries *	Emil Berdar	527 Broad Ave. Belle Vernon	15012
34	286 Coal Co., Inc.*	John Rosa	101 Donnell Rd. Lo. Burrell	15068
32A	Tyhnas, LeRoy *	LeRoy Tyhnas	R. D. 1 Coal Center	15463
34, 34A	U.S. Utilities Services Corp.*	M. J. Peretto	470 Mall Circle Monroeville	15146
45A	Union Clay Co., Inc.*	Richard A. Danvir	Grampian	16838
3, 4, 7, 13	United States Steel Corp. DMc	E. L. Baker	Fayette Bk. Bldg. Uniontown	15401
21, 42	Universal Minerals, Inc. @c	Tony Joseph, Jr.	P. O. Box 307 Portage	15946
44	V & C Coal Co.*	Robert Verse	Box 117 Lanse	16849
15, 35	Valley Coal Co., Inc. DM*#	Henry Vehovic	P. O. Box 86 Alverda	15710
45A	VanLeer Coal Co.*	Donald Leasure	Box 415 Indiana	15701
34	Vargo Coal Co., Inc.*	John A. Vargo	24 Ruth Place Belle Vernon	15012
37	Vendale Coal Co., Inc.*	C. N. McGarvey	P. O. Box 219 New Bethlehem	16242
1, 31	Veon, Inc., Ralph A. *c	Jerry Haack	P. O. Box 326 Darlington	16115
31	Vetica Construction Co.*	R. C. Vetica	509 Morningstar Ellwood City	16117
33A	Villa Coal Co.*	John Rudik	410 Derrick Ave. Uniontown	15401
20	Vinton Coal Co. DM	Steve Lonesky	Box 441 Vintondale	15961
33A	Voithofer, Edward V. Jr. *	E. V. Voithofer, Jr.	R. D. 1, Box 2 Smithfield	15478
46	Vollmer, Lawrence B. *	David Vollmer	Rosely Road St. Marys	15857
34A	Vosco, Inc.*	Bruno Bertelle	R.D. 1, Box 306B Export	15632
35, 36	W & M Coal Co.*	Ronald E. Weaver	R.D. 3, Box 115 New Bethlehem	16242
41	W W Coal Co.*	Willard C. Will	R. D. 1 Central City	15926
40A	Walker, Robert H. *	R. H. Walker	R. D. 1 Garrett	15542
44	Waring Coal & Clay Co.*	Ronald A. Waring	Box 154 Kylertown	16847
17, 45, 45A	Waroquier Coal Co.*c	Jos. H. Waroquier	133 W. 5th Ave. Clearfield	16830
43	Washington Hill Coal Co., Inc.*	Harry D. Killion	R. D. 1 Coalport	16627
34	Weaver, Joseph F. *	Albert Weaver	Box 219 Greensburg	15601
37	Weaver Contracting, Inc.*	W. R. Weaver	R. D. 1 Conneaut Lake	16316
9, 37	Weaver & Sons, A. P. *c	W. S. Weaver	Fryburg	16326
39A	Weimer, John S. *	J. S. Weimer	M.R. 1, Box 71 Saltsburg	15681
11	Weimer Coal Co. DM	Jas. A. Weimer, Jr.	R.D. 1, Box 211C Shelocta	15774
34	Weinman Brothers *	Homer Weinman	R.D. 4, Box 185 Mt. Pleasant	15666
42	Wesott, Inc.*	F. B. Westrick	Cameron St. Carrolltown	15722
1, 30, 35A	West Freedom Mining Corp.*c	R. W. Haller	P. O. Box 169 Kittanning	16201
39A	West Lebanon Coal, Inc.*	Jay McCoy	1260 N. Brodhead Monaca	15061
33	West Penn Coal & Const. Co.*	Jefferson Rhodes	Rices Landing	15357
14	West Penn Tipple Co., Inc. c	Jack E. Sedlak	R.D. 2, Box 175 Marion Center	15759
30	Western Hickory Coal Co.*	Vernon Y. Kerry	R.D. 2, Box 49 Portersville	16051
32	Westmont Coal Co., Inc.*	Thomas Scholl	R.D. 1, Box 3 Fayette City	15438
36	White Coal *	Harris W. White	R.D. 3, Box 170 New Bethlehem	16242
38A	Williams Coal Co.*	R. D. Williams	R.D. 2, Box 121B Reynoldsville	15851
1, 30	Willowbrook Mining Co.*c	James Sartori	R.D. 3, Box 3629 Grove City	16127
40A	Will's Construction Co.*	Howard Will	R.D. 4, Box 275 Somerset	15501
36	Wilson, John N. *	John N. Wilson	Shippensburg	16254
41	Windber High Standard Coal Co.*	F. Krise	1203 Graham Ave. Windber	15963
37	Winger Coal Co., Inc.*	Clair E. Winger	R.D. 6 Mercer	16137
33A	Wingrove Mining, Inc.*	E. J. Wingrove, Jr.	P. O. Box 462 Uniontown	15401
44	Winters Const. Co., Melvin *	Melvin Winters	Osceola Mills	16666
34	Wolf Run Road Coal Co.*	Richard Gorr	5741 Pebble Creek Court, Apt. 4406 Bethel Park	15102
39A	Woods Coal Co. @	Richard Freeman	R.D. 5, Box 334B Indiana	15701
30	Wright, Grant R. *	Grant R. Wright	Fombell	16123
36	Wyant Coal Co., R. E.*	R. E. Wyant	R.D. 2, Box 125 New Bethelheim	16242
31	Xecol Corp. *	Frank Fannin	1460 Corapolis Heights Rd. Corapolis	15108
41	Yantus, Steve *	Steve Yantus	Central City	15926
30, 35A	Yates Bros. Coal Co.*	Larry Yates	Box 70 Rimersburg	16248
36	Yeane, Woodrow *	Woodrow Yeane	R. D. 3 Brookville	15825
40	Yellow Run Coal Co.*	R. L. Porsch	Box 157 Kimberton	19442

District	Operator	General Supt.	Address	Zip Code
42	Yellow Run Energy Co.*	Francis Burns	301 Masonic Bldg.Ebensburg	15931
38,39	Yenzi, John R. Jr.*	John R. Yenzi	Box 164 Anita	15711
34	Yough Fuel & Energy Co.*	Jas. W. Everly	214 S. 3rd St. West Newton	15089
9,36,37	Zacherl Coal Co., Inc.*c	Edward Loll	Lucinda	16235
34A	Zappone Construction Co.*	M. J. Zappone	109 Oakview Dr. Ligonier	15658
32B	Zavek, Inc.*	James Rogers	P.O. Box 1066 Morgantown,WVa.	26505
41	Zubek, Edward *	Edward Zubek	888 Main St. Central City	15926

DIRECTORY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Clifford L. Jones Secretary	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-2814
<u>OFFICE OF ENVIRONMENTAL PROTECTION</u>				
William B. Middendorf Deputy Secretary	10th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5027
Richard M. Boardman Associate Deputy Secretary for Technical Programs	10th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4686
<u>Bureau of Surface Mine Reclamation</u>				
J. Anthony Ercole Director	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5103
Charles Gummo Assistant Director	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-7846
D. R. Thompson, Chief Div. of Mine Drainage Con- trol & Reclamation	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-783-8845
Donald Zutlas, Chief Div. of Licensing & Bonding	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4827
Gary Merritt, Chief Coal Section	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-783-8845
Robert H. Davis, Chief Div. of Explosives	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-2458
Samuel Cortis, Chief Div. of Mine Subsidence	203 S. Washington Road	McMurray	15317	412-941-7100
Eugene Schenk, Chief Div. of Mine Subsidence	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5385
Jack H. Viets, Chief Administrative Services	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-8193
Catherine Miles Statistical Supervisor	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4876
John Meehan Inspector Supervisor (Districts 30,32,32A,32B,33,33A,34,34A,35,35A)	R. D. 2, Box 603C Armbrust Professional Bldg.	Greensburg	15601	412-925-8115
Timothy VanDyke Inspector Supervisor (Districts 31,36,37,38,38A,48)	P. O. Box 485	Clarion	16214	814-226-8801
John E. Moore Inspector Supervisor (Districts 39,39A,40,40A,41,42,65)	P. O. Box 149 The Prave Building	Ebensburg	15931	814-472-6344
Nile Linberg Inspector Supervisor (Districts 43,44,45,45A,46,47,49)	Box 208	Hawk Run	16840	814-342-5399
George Sterling Inspector Supervisor (Districts 50,51,52,53,54,55,56,57,58,59,60,61,62,63,64)	Motor Contracts Bldg. 108 S. Claude A Lord Blvd.	Pottsville	17901	717-622-8181 Ext. 369
Donald Sandherr Electrical Inspector	402 Fleet Street	Pottsville	17901	717-622-4995

Open Pit Mine Conservation Inspectors

<u>Dis-</u> <u>trict</u>					
30	Merle Urey	529 N. Center Avenue	Grove City	16127	412-458-8773
31	(Vacant)				
32	William Sray	R. D. 2, Box 201	McDonald	15057	412-221-7197
32A	William Davis	Box 58, 77 Erie Street	Washington	15301	412-222-3934
32B	William Davis (Actg.)	Box 58, 77 Erie Street	Washington	15301	412-222-3934
33	Terry Confer	General Delivery	Hopwood	15445	412-439-0403
33A	Gildo Santella	208 Sangston Avenue	Masontown	15461	412-583-9987
34	Fred Ulishney	R. D. 3	Latrobe	15650	412-539-1729
34A	Jacob D. Leighty	R. D. 1	Derry	15627	412-694-5117
35	Bernard Snyder	R. D. 2	Kittanning	16201	814-257-8854
35A	Henry Foringer	Box 171	Boyers	16020	412-735-2297
36	Earl Huff	R. D. 4, Box 728	Franklin	16232	814-432-4413
36	Andrew Colberg	258 Poplar Avenue	Dayton	16222	814-257-8448
37	Virgil Ordiway	Crescent Avenue	Clarion	16214	814-226-7623
38	Edward V. Moore	R. D. 1	Smicksburg	16256	412-286-9461
38A	William L. Smith	R. D. 4	Brookville	15825	814-849-7738
39	Ronald L. McCracken	Box 116	Marion Center	15759	412-397-2782
39A	Harry Hull	P. O. Box 173	Clymer	15728	412-254-9745
40	Jonas Carpenter	Box 134	Friedens	15541	814-445-5608
40A	John E. Moore (Actg.)	P. O. Box 149	Ebensburg	15931	814-472-6344
41	George Lokitis	P. O. Box 88	Central City	15926	814-754-8147
42	James Wise	R. D. 5, Box 1352	Tipton	16684	814-684-3211
43	Charles Hicks	R. D.	Grampian	16838	814-236-1369
44	James W. Forcey	RPD, Box 123	Woodland	16881	814-857-7708
45	James McClure	P. O. Box 1005	Clearfield	16830	814-765-8744
45A	W. J. Stiffler	328 Mt. Joy Road	Clearfield	16830	814-765-4389
46	Lawrence J. Pauly	8Dinadan Dr., Camelot Est.	Mill Hall	17751	717-748-7982
47	Bryce Putman	511 Cricklewood Drive	State College	16801	814-234-3219
48*	H. G. Thomas	R. D. 1	Boyers	16020	412-791-2621
49	James Sennett	Brandycamp Road	Kersey	15846	814-885-8640
50	Harry Poole	333 East Church Street	Nanticoke	18634	717-735-0397
51*	Howard Murphey	117 Beverly Drive	Clarks Summit	18411	717-587-3936
52*	Harold Burdick	43 Main Street	White Mills	18473	717-253-0556
53	James Gaughan	242 Courtdale Avenue	Courtdale	18704	717-288-4833
54*	Paul Serfass	313 W. Valley Forge Rd.	King of Prussia	19406	215-265-4658
55*	Robert Pizzoli	313 West Saylor Street	Atlas	17851	717-339-1169
56	George Thomas	315 East Dewart Street	Shamokin	17872	717-648-8454
57	James Leber	986 Groff Avenue	Elizabethtown	17022	717-367-2095
58	Walter Dieterle	1132 Laurelee Road	Reading	19605	215-929-1640
59	Joseph Ruane	928 N. Washington Street	Shamokin	17872	717-648-0262
60	Robert Whitmer	1332 West Fern Street	Shamokin	17872	717-648-8677
61*	Thomas Roofff	Box 123	Rexmont	17085	717-272-3211
62*	Edward Wilson	242 East Evergreen St.	West Grove	19390	215-869-9480
63*	Spencer Arnold	32nd & Brisban Streets	Harrisburg	17111	717-564-5315
64*	L. Paul Louey	R. D. 1	Littlestown	17340	717-359-4920
65	Henry Shustack	R.D.5, Shamrock Trailer Court, Lot 24	Duncansville	16635	814-696-0591
	George Wingard	R. D. 1	Shippenville	16254	814-782-3443

* Districts having no coal production.

Bureau of Solid Waste Management**

Donald Lazarchick Director	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-9870
Wm. C. Bucciarelli, Chief Div. of Municipal Services	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-7382
Gary Galida, Chief Div. of Hazardous Waste	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-7381
James Snyder, Chief Div. of Operations	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-7381

** As of April 26, 1979, the Bureau of Land Protection became the Bureau of Solid Waste Management.

Division of Oil and Gas Regulation #

John A. Ifft, Chief	Rm. 1205 Kossman Bldg. 100 Forbes Avenue	Pittsburgh	15222	412-565-5075 412-565-5076
Chas. H. Updegraff Petroleum Engineer (Nat'l Gas Policy Coordinator)	Port Allegany Road	Coudersport	16915	814-274-9196

Oil and Gas Inspectors

<u>Dis-</u> <u>trict</u>				
1	Claude A. Olson	R. D. 1, Box 118	Kane	16735 814-837-8433
2	Thomas E. Hummel	Royal Oaks Apt. 15 R. D. 3, Kassel Road	Homer City	15748 412-479-2853
3	Walter L. Cooper	P. O. Box 32	Coudersport	16915
4	William H. Heeter	R. D. 1	Rimersburg	16248 814-473-3846
5	John H. Gerg	199 North Barnett St.	Brookville	15825 814-849-2421
6	Richard F. Walther	630 Southview Drive	Pittsburgh	15226 412-563-3656
7	Paul D. Mourer	R. D. 1, Box 170	Youngsville	16371 814-563-4510
8	Richard G. Howell	10 Division Street	Mt. Jewett	16740 814-778-2216
9	John H. Gerg (Temp.)	199 North Barnett St.	Brookville	15825 814-849-2421
10	Leon W. Goble	P. O. Box 439	Brookville	15825 814-849-3060

As of April 26, 1979, the Division of Oil and Gas Regulation was transferred from the Bureau of Land Protection to the Bureau of the Topographic and Geologic Survey.

OFFICE OF DEEP MINE SAFETY

Walter J. Vicinelly Commissioner	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-1376
William F. Darks Administrative Officer	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4805
Jas. J. Shober, Jr., Director Bur. of Anthracite Deep Mine Safety	Motor Loan Services Bldg. 108 S.Claude A Lord Blvd.	Pottsville	17901	717-622-8181 Ext. 360
P. H. Hyatt, Director Bur. of Bituminous Deep Mine Safety	Armbrust Professional Bldg. R.D. 2, Box 603B, Rt. 819 South	Greensburg	15601	412-925-6549

Anthracite Underground Mine Inspectors

<u>Dis-</u> <u>trict</u>				
1	Robert T. Shober	626 Harvey Street	West Hazleton	18201 717-454-0205
2	Leonard W. Rogers	837 Spruce Street	Kulpmont	17834 717-373-3942
3	C. E. Kashner	904 West Spruce Street	Shamokin	17872 717-648-3792
4	Joseph Halaburda	230 South Wylam Street	Frackville	17931 717-874-1163
5	Robert T. Shober	626 Harvey Street	West Hazleton	18201 717-454-0205
6	Joseph Halaburda	230 South Wylam Street	Frackville	17931 717-874-1163
	Arthur E. Hand	317 East Main Street	Hegins	17938 717-682-3284

Bituminous Underground Mine Inspectors

1	Jesse L. Bolen (Home)	R. D. 1, Box 527	New Salem	15468 412-246-2635
	(Office)	66 North Gallatin Ave.	Uniontown	15401 412-439-7460
2	Jesse L. Bolen, Actg.	"	"	"
3	Eno Chellini, Actg.	433 West Church Avenue	Masontown	15461 412-583-2187
	(Office)	66 North Gallatin Ave.	Uniontown	15401 412-439-7460
4	Edward C. Urbany	1525 Sixth Street	Waynesburg	15370 412-627-5531
5	R. C. Murphy, Actg.	R. D. 1, Box 99B	Hopwood	15445 412-438-1751
6	R. E. Fulton (Home)	9 Cedar Street	Masontown	15461 412-583-9266
	(Office)	66 North Gallatin Ave.	Uniontown	15401 412-439-7460
7	F. J. Shoaf, Jr. (Home)	524 Old Waynesburg Rd.	Carmichaels	15320 412-966-7638
	(Office)	66 North Gallatin Ave.	Uniontown	15401 412-439-7460
8	W. L. Reynolds, Actg.	R. D. 1, Box 116	Rices Landing	15357 412-592-5076
9	T. Britten, Jr., Actg.	172 Church Street	Twin Rocks	15960 814-749-9358
10	C. Wesley Milan	347 Low Hill Road	Brownsville	15417 412-785-5970
11	Walter Christopher	207 Maple Street	Carmichaels	15320 412-966-2259

Bituminous Underground Mine Inspectors (Continued)

Dis- trict					
12	F. J. Shoaf, Jr., Actg. (Office)	524 Old Waynesburg Rd. 66 North Gallatin Ave.	Carmichaels Uniontown	15320 15401	412-966-7638 412-439-7460
13	J. M. Muchnok	3 O'Connell Avenue	Uniontown	15401	412-438-0368
14	J. Earl Lamont	426 Myrtle Street	Punxsutawney	15767	814-938-6271
15	Carl A. Utberg	R. D. 1	Commodore	15729	412-254-4814
16	L. D. Kimmel	1237 Washington Street	Indiana	15701	412-465-2873
17	T. Britten, Jr., Actg.	172 Church Street	Twin Rocks	15960	814-749-9358
18	J. P. Boback	R. D. 1, Box 20	Sidman	15955	814-487-5796
19	William Garay	Box 354	Elmora	15737	814-948-6062
20	Richard C. Rozanc	R. D. 3, Box 180	McDonald	15057	412-475-4943
21	Michael Phillips, Act.	P. O. Box 334	Jerome	15937	814-479-4345
22	Michael Phillips	"	"	"	"
23	J. M. Muchnok, Actg.	3 O'Connell Avenue	Uniontown	15401	412-438-0368
24	A. E. Valeri	R. D. 2, Box 87	Ebensburg	15931	814-472-8548
25	Felice Libertini, Act.	P. O. Box 383	Denbo	15429	412-745-3519
26	A. M. Pawlosky	R. D. 1	Hickory	15340	412-745-8177
	J. J. Hunter	1 Lentz Street, Rolling Hills	Irwin	15642	412-863-0363
	J. M. Hovanic	111 Water Street	West Brownsville	15418	412-785-7707
	G. F. Moody	6 West Fifth Avenue	Clearfield	16830	814-765-7723
	E. H. Pauley	1100 Cambria Street	Portage	15946	814-736-4427
	Raoul A. Vicinelly	14 Cedar Street	Masontown	15461	412-583-9309
	(Office)	66 North Gallatin Ave.	Uniontown	15401	412-439-7460

Anthracite Mine Electrical Inspector

William Buggy	537 East Fourth Street	Bloomsburg	17815	717-784-8994
---------------	------------------------	------------	-------	--------------

Bituminous Mine Electrical Inspectors

1,2,5	E. R. Shoemaker	217 Marlboro Drive	New Kensington	15068	412-335-0307
3,23	Stephen W. Marsinek	500 Pittsburgh Road	Uniontown	15401	412-438-6943
4,8	Frank R. Jurczak	558 Waynesburg Road	Carmichaels	15320	412-966-7661
6,12	James P. Andrews, Sr.	504 East George Street	Carmichaels	15320	412-966-5467
7	John F. Funka	R. D. 3	McDonald	15057	412-745-8597
9,10,					
14	William W. Stiles	R. D. 1, Box 449	Blairsville	15717	412-676-5983
11,16	Richard W. Weimer	R. D. 1, Box 314-A	Derry	15627	412-694-2804
13,26	John E. Pringle	P. O. Box 55	Merrittstown	15463	412-246-2022
17,20,					
24	D. A. Johnson	Box 164	Belsano	15922	814-749-0878
21,22	Michael A. Anderson	220 Jefferson Avenue	Windber	15963	814-467-7667
18,19	Gary G. Berkheimer	R. D. 2, Box 83	Ebensburg	15931	814-472-5218
15,25	Charles Fenchak	R. D. 2	Strongstown	15957	814-749-9505

Mine Safety Training Instructors

A. J. Paciga	17 Cedar Street	Masontown	15461	412-583-9452
I. M. King	44 Brown Street	Uniontown	15401	412-438-0323

Bituminous Mine Rescue & First Aid Instructors

William P. Caffrey	512 North Gallatin Ave.	Uniontown	15401	412-438-9218
Carl Simon	R. D. 1, Box 54	Fredericktown	15333	412-377-1687

Mine Rescue Stations

Greensburg	Armbrust Professional Bldg. R.D. 2, Box 603B, Rt. 819 South	15601	412-925-6549
Uniontown	66 North Gallatin Ave.	15401	412-439-7460 412-439-7469

Underground Mine Inspectors - Deep Non-coal Mines

William M. Smith	151 Sunset Avenue	Pleasant Gap	16823	814-359-2002
John Conroy	315 Ridge Avenue	Butler	16001	412-283-1059

June 20, 1979

REPORT OF OIL AND GAS DIVISION

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

SUMMARY OF ACTIVITIES

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
1. Drilling Permits Issued in Coal Areas	208	334	320	313	296	277	350	320	364	331	320	325	299	337
2. Drilling Permits Issued Coal Areas Act 359 #	-	-	-	-	-	9	34	43	24	20	51	24	12	7
3. Total Wells Coal Areas (Items 1 & 2)	208	334	320	313	296	286	384	363	388	351	371	349	311	344
4. Drilling Permits Issued in Non-Coal Areas	-	-	-	-	-	-	-	-	-	-	-	-	297	806
5. Drilling Permits Issued Non-Coal Areas Act 359 #	-	-	-	-	-	10	35	51	74	26	11	1	2	4
6. Total Permits Issued (Items 3, 4, & 5)	208	334	320	313	296	296	419	414	462	377	382	350	610	1154
7. Reported Wells in Non-Coal Areas - File Numbers Issued	642*	678*	744*	495*	643*	467*	445*	532*	782*	653*	653*	660*	698*	110*
8. Total Wells Non-Coal Areas (Items 4, 5, & 7)	642	678	744	495	643	477	480	583	856	679	664	661	997	920
9. Total Wells Coal & Non-Coal Areas (Items 6 & 7)	850	1012	1064	808	939	763	864	946	1244	1030	1035	1010	1308	1264
10. Total Drilling Permits Issued Act 359 (Items 2 & 5) #	-	-	-	-	-	19	69	94	98	46	62	25	14	11
11. Drilling Canceled - Permits & Non-Coal File Numbers	-	1	21	29	281	49	8	24	27	118	82	40	270	158
12. Wells Reported Drilled	375	819	888	799	949	782	766	749	1149	968	997	943	1045	985
13. Plugging Numbers Issued	95	171	176	226	245	268	269	246	372	287	564	358	1246	1851
14. Plugging Numbers Canceled	-	2	5	19	9	20	12	21	23	15	7	22	22	141
15. Wells Reported Plugged & Abandoned	70	130	110	181	237	243	254	204	353	267	319	566	485	1723
16. Pillar Permits Issued	259	195	111	79	105	128	87	108	105	145	299	172	175	163
17. Pillar Permits Canceled	-	-	-	-	-	-	9	-	2	3	1	-	1	2

Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961. Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

SUMMARY OF ACTIVITIES

	1970	1971	1972	1973	1974	1975	1976	1977	1978	T O T A L 1956 to 1978	
1. Drilling Permits Issued in Coal Areas	322	342	469	694	648	916	782	1166	1429	-	- 11162
2. Drilling Permits Issued Coal Areas Act 359 #	16	10	16	11	15	26	12	27	21	-	- 378
3. Total Wells Coal Areas (Items 1 & 2)	338	352	485	705	663	942	794	1193	1450	-	- 11540
4. Drilling Permits Issued in Non-Coal Areas	914	956	1247	1522	1364	1042	1381	1510	1806	-	- 12845
5. Drilling Permits Issued Non-Coal Areas Act 359 #	9	12	37	61	34	23	15	51	93	-	- 549
6. Total Permits Issued (Items 3, 4, & 5)	1261	1320	1769	2288	2061	2007	2190	2754	3349	-	- 24934
7. Reported Wells in Non-Coal Areas - File Numbers Issued	27*	2*	10*	-	-	-	-	-	-	-	- 8241
8. Total Wells Non-Coal Areas (Items 4, 5, & 7)	950	970	1294	1583	1398	1065	1396	1561	1899	-	- 21635
9. Total Wells Coal & Non-Coal Areas (Items 6 & 7)	1288	1322	1779	2288	2061	2007	2190	2754	3349	-	- 33175
10. Total Drilling Permits Issued Act 359 (Items 2 & 5) #	25	22	53	72	49	49	27	78	114	-	- 927
11. Drilling Canceled - Permits & Non-Coal File Numbers	244	236	169	327	597	383	667	469	412	-	- 4612
12. Wells Reported Drilled	1009	992	1137	1368	1534	1602	1417	1642	1860	-	- 24775
13. Plugging Numbers Issued	1721	1383	1860	1681	1511	1630	1959	1300	2057	-	- 21476
14. Plugging Numbers Canceled	119	116	83	180	112	119	92	71	60	-	- 1270
15. Wells Reported Plugged & Abandoned	992	1573	1317	1410	1089	1284	1493	1144	991	-	- 16435
16. Pillar Permits Issued	164	105	142	96	96	94	104	125	83	-	- 3140
17. Pillar Permits Canceled	-	-	1	-	1	-	2	-	-	-	- 22

Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961.
Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

TABLE #2
SUMMARY OF ACTIVITIES BY COUNTIES
JANUARY - DECEMBER, 1978

County	Permits Issued Coal Areas	Permits Issued Non-Coal Areas	Total	Drilling Canceled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Canceled	Wells Reported Plugged & Abandoned	Pillar Permits Issued	Pillar Permits Canceled	DRILLING PERMITS ISSUED		Total
											Act. 359 of 1961 Coal Areas	Non-Coal Areas	
6 Allegheny	12	-	12	1	16	13	-	9	7	-	-	-	-
11 Armstrong	137	1	138	17	75	4	2	3	24	-	-	-	-
6 Beaver	-	1	1	1	2	2	-	1	-	-	-	-	-
3 Bedford	3	-	3	1	1	2	-	7	-	-	2	-	2
2 Blair	-	1	1	1	2	1	-	1	-	-	1	-	1
6 Butler	9	4	13	5	6	6	1	4	3	-	-	-	-
2 Cambria	19	-	19	1	5	1	-	-	-	-	2	-	2
10 Cameron	-	-	-	-	-	1	-	1	-	-	-	-	-
5 Centre	2	-	2	-	1	1	-	1	-	-	2	-	2
4 Clarion	22	14	36	3	26	12	1	8	-	-	-	-	-
5 Clearfield	128	-	128	13	138	7	-	9	-	-	4	-	4
5 Clinton	1	1	2	-	5	-	-	-	-	-	1	-	1
7 Crawford	-	26	26	1	10	2	-	1	-	-	-	7	7
10 Elk	1	6	7	11	5	12	3	6	-	-	-	-	-
1 Erie	-	197	197	8	130	4	-	4	-	-	-	46	46
3 Fayette	45	1	46	6	23	2	-	-	-	-	-	1	1
4 Forest	-	342	342	105	92	49	1	41	-	-	-	3	3
3 Greene	24	-	24	5	9	12	1	11	11	-	-	-	-
2 Indiana	560	-	560	38	423	5	-	5	17	-	4	-	4
10 Jefferson	190	42	232	45	130	26	1	12	2	-	-	-	-
6 Lawrence	-	-	-	-	3	-	-	-	-	-	-	-	-
5 Luzerne	-	-	-	2	1	-	-	1	-	-	-	-	-
5 Lycoming	-	2	2	2	3	1	-	2	-	-	-	2	2
8 McKean	-	225	225	2	57	1425	18	568	-	-	-	1	1
7 Mercer	3	24	27	11	18	6	1	6	-	-	-	14	14
9 Potter	-	9	9	-	7	1	7	10	-	-	-	1	1

TABLE #2
SUMMARY OF ACTIVITIES BY COUNTIES
JANUARY - DECEMBER, 1978

County	Permits Issued Coal Areas	Permits Issued Non-Coal Areas	Reported Wells Non-Coal Areas	Total	Drilling Canceled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Canceled	Wells Reported Plugged & Abandoned	Pillar Permits Issued	Pillar Permits Canceled	DRILLING PERMITS ISSUED			Total
												Act 359 of 1961 Coal Areas	Non-Coal Areas	Coal Areas	
3 Somerset	5	-	-	5	2	3	1	-	1	-	-	5	-	-	5
9 Tioga	-	8	-	8	-	6	-	-	-	-	-	-	-	-	-
7 Venango	-	484	-	484	61	274	359	23	238	-	-	-	1	-	1
1 Warren	-	509	-	509	10	214	86	-	32	-	-	-	16	-	16
3 Washington	63	1	-	64	9	32	8	-	2	-	-	1	-	-	1
11 Westmoreland	226	1	-	227	54	143	8	1	7	18	-	-	-	-	-
TOTAL	1150	1892	0*	3349	412	1860	2057	60	991	83	-	21	93	-	114+
	3349														

(*) Permits were not required for wells drilled in non-coal areas prior to September 30, 1968.
Act 265, approved July 31, 1968, effective September 30, 1968 - requires Permits to be issued for all wells.

(+) Included in Total of 3349 Drilling Permits issued.

TABLE #3
SUMMARY BY COUNTIES
TYPE OF WELLS REPORTED DRILLED
JANUARY - DECEMBER, 1978

County	Total Wells Drilled	Gas Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal	Salt Water & Others	Test
6 Allegheny	16	12	-	-	-	-	4	-	-
11 Armstrong	75	74	-	-	-	-	1	-	-
6 Beaver	2	-	-	1	-	-	1	-	-
3 Bedford	1	-	-	-	1	-	-	-	-
2 Blair	2	1	-	-	-	-	1	-	-
6 Butler	6	1	-	4	-	-	1	-	-
2 Cambria	5	5	-	-	-	-	-	-	-
5 Centre	1	-	-	-	-	-	1	-	-
4 Clarion	26	26	-	-	-	-	-	-	-
5 Clearfield	138	132	-	-	-	-	6	-	-
5 Clinton	5	-	-	-	5	-	-	-	-
7 Crawford	10	5	4	-	-	-	1	-	-
10 Elk	5	4	-	-	-	-	1	-	-
1 Erie	130	127	1	-	-	-	2	-	-
3 Fayette	23	23	-	-	-	-	-	-	-
4 Forest	92	15	23	45	-	8	1	-	-
3 Greene	9	5	-	-	3	-	1	-	-
2 Indiana	423	422	-	-	-	-	1	-	-
10 Jefferson	130	124	-	-	3	-	3	-	-
6 Lawrence	3	-	-	1	-	-	2	-	-
5 Luzerne	1	-	-	-	-	-	1	-	-
5 Lycoming	3	3	-	-	-	-	-	-	-
8 McKean	57	2	-	46	3	4	2	-	-
7 Mercer	18	13	1	-	-	-	4	-	-
9 Potter	7	-	2	-	4	-	1	-	-
3 Somerset	3	3	-	-	-	-	-	-	-
9 Tioga	6	-	-	-	6	-	-	-	-
7 Venango	274	1	1	265	-	4	3	-	-
1 Warren	214	3	37	167	1	6	-	-	-
3 Washington	32	23	1	2	4	-	2	-	-
11 Westmoreland	143	140	1	-	-	-	2	-	-
Total	1860	1164	71	531	30	22	42	-	-

PITS AND QUARRIES

Bureau of Surface Mine Reclamation

PITS AND QUARRIES
ANNUAL REPORT 1978

COUNTY	EXPLOSIVES USED		PRODUCTION OF MINERALS - NET TONS		EMPLOYEES	DAYS WORKED	NO. FATAL ACCIDENTS	NO. NON- FATAL ACCIDENTS
	NUMBER OF POUNDS OF BLASTING AGENTS	NUMBER OF POUNDS OF DYNAMITE	TOTAL PRODUCTION OF MINERALS					
Lawrence	6,605,500	111,450	2,419,129		214	4,968	0	15
Lebanon	322,500	903,459	3,557,370		222	475	0	2
Lehigh	29,820	58,141	1,112,914		98	1,202	0	4
Luzerne	106,900	90,605	1,140,965		112	1,204	0	3
Lycoming	910,680	-	-		111	973	0	4
McKean	8,600	385	119,042		20	358	0	1
Mercer	-	-	73,928		16	255	0	0
Mifflin	88,866	52,580	301,176		33	764	0	1
Monroe	125,888	-	461,800		38	396	0	1
Montgomery	759,633	419,154	4,845,447		302	1,952	0	11
Northampton	740,142	70,567	3,806,858		357	2,724	3	15
Northumberland	153,579	46,735	722,096		45	936	0	3
Perry	19,980	-	163,254		13	197	0	0
Pike	-	-	136,000		12	201	0	0
Schuylkill	73,475	96,445	512,307		67	834	0	4
Snyder	46,275	44,813	233,507		27	128	0	2
Somerset	536,150	166,969	639,380		198	1,126	0	10
Susquehanna	-	-	-		1	75	0	0
Union	65,250	73,695	365,148		21	290	0	0
Venango	4,000	1,325	254,308		14	14	0	1
Warren	-	-	488,928		33	849	0	0
Washington	-	-	260,000		14	260	0	1
Wayne	92,700	16,327	247,556		10	271	0	0
Westmoreland	818,610	562,159	1,768,660		94	1,246	0	4
York	771,901	519,245	3,470,308		390	2,233	1	7
TOTAL	21,566,683	7,547,811	60,921,068		5,760	47,113	5	199

PITS AND QUARRIES
ANNUAL REPORT 1978

COUNTY	EXPLOSIVES USED		PRODUCTION OF MINERALS - NET TONS				EMPLOYEES	DAYS WORKED	NO. FATAL ACCIDENTS	NO. NON- FATAL ACCIDENTS
	NUMBER OF POUNDS OF BLASTING AGENTS	NUMBER OF POUNDS OF DYNAMITE	TOTAL PRODUCTION		OF MINERALS					
Adams	524,425	444,735	2,850,213	217	391	0	6			
Allegheny			62,500	6	312	0	2			
Armstrong	112,700	32,330	1,152,551	120	1,097	0	9			
Beaver	197,950	22,840	1,394,617	985	552	0	3			
Bedford	176,066	11,350	622,352	91	522	0	5			
Berks	505,250	555,104	2,725,351	265	2,904	0	2			
Blair	335,725	246,573	1,257,426	104	895	0	7			
Bradford	-	-	63,046	8	195	0	0			
Bucks	633,206	277,797	4,862,856	174	1,673	0	8			
Butler	1,812,687	555,201	1,525,318	123	1,260	0	1			
Carbon	30,450	12,150	279,861	15	295	0	1			
Centre	475,475	63,156	1,171,224	63	648	1	0			
Chester	932,931	36,493	3,359,121	109	916	0	1			
Clearfield	103,880	7,901	83,470	59	480	0	0			
Clinton	12,000	18,000	20,253	11	230	0	0			
Columbia	-	-	174,680	13	361	0	0			
Crawford	-	-	372,460	58	850	0	0			
Cumberland	319,539	221,950	1,796,456	147	1,393	0	17			
Dauphin	142,515	111,220	926,304	96	622	0	7			
Delaware	558,145	4,321	1,383,581	75	226	0	1			
Erie	-	-	364,253	13	705	0	0			
Fayette	1,521,550	187,392	1,917,123	122	1,712	0	8			
Forest	-	-	42,820	5	169	0	0			
Franklin	120,025	225,237	862,415	80	745	0	4			
Fulton	-	305,920	276,789	19	200	0	7			
Huntingdon	139,321	88,706	514,777	47	461	0	1			
Jefferson	-	-	69,167	7	569	0	0			
Lackawanna	12,000	1,250	176,497	56	690	0	0			
Lancaster	620,394	884,131	3,513,506	210	2,109	0	20			

GEOLOGICAL FORMATIONS

<u>COUNTY</u>	<u>SAND AND GRAVEL</u>	<u>CLAY</u>	<u>SLAG</u>	<u>SLATE</u>	<u>SHALE</u>	<u>PEAT</u>
Allegheny					62,500	
Armstrong	717,457	15,200				
Beaver	713,023	161,594				
Berks					249,500	
Bradford	63,046					
Bucks					42,000	
Chester	7,400					
Clearfield	35,700	47,770				
Clinton		20,253				
Columbia	174,680					
Crawford	372,460					
Cumberland	796,596					
Dauphin	492,237					
Erie	364,253					
Fayette		31,740				
Forest	42,820					
Jefferson		36,827				
Lawrence		489,184				
Lehigh				2,773		
Luzerne	872,465					
McKean	21,534				60,240	
Mercer	73,928					
Mifflin					19,000	
Northampton				14,704		
Northumberland	251,255				37,282	
Pike	136,000					
Somerset		50,744				
Susquehanna	39,014					
Union					48,000	
Venango	67,662					
Warren	359,004					
Wayne	247,556					
York	37,000				114,780	
<u>TOTAL</u>	<u>5,885,090</u>	<u>853,312</u>		<u>17,447</u>	<u>633,302</u>	

GEOLOGICAL FORMATIONS

<u>COUNTY</u>	<u>IGNEOUS DIABASE</u>	<u>METAMORPHICS</u>		<u>CLASSES</u>		
		<u>ARGILLITE</u>	<u>QUARTZITE</u>	<u>GNEISS</u>	<u>HORNFELS</u>	<u>CARBONATES</u>
				<u>SANDSTONE</u>	<u>BUILDING STONE</u>	<u>LIMESTONE</u> <u>DOLOMITE</u>
Adams	249,221					2,600,992
Armstrong						419,894
Bedford				49,326		573,026
Berks	671,578	200,000		26,500		1,419,244
Blair			20,000			1,237,426
Bucks	404,715	1,598,947		1,168,376		631,208
Butler				82,120		1,233,862
Carbon		479,254		279,861		
Centre						762,224 409,000
Chester						3,351,721
Cumberland			158,514			999,860
Dauphin			1,335	213,232		219,500
Delaware				1,383,581		
Fayette				131,960		1,753,423
Franklin				349,984		512,431
Fulton						276,789
Huntingdon						514,777
Jefferson				32,340		
Lackawanna				45,597		
Lancaster						3,513,506
Lawrence				324,991		1,604,954
Lebanon						3,557,370
Lehigh						754,816 355,325
Luzerne				268,500		
Lycoming						
McKean				37,268		
Mifflin				57,585		224,591
Monroe		1,434,210				290,000
Montgomery		909,787	197,994			3,737,666
Northampton						3,792,154
Northumberland				299,079		134,480
Perry				163,254		

GEOLOGICAL FORMATIONS

<u>COUNTY</u>	<u>IGNEOUS DIABASE</u>	<u>METAMORPHICS</u>		<u>GNEISS</u>	<u>HORNFELS</u>	<u>CLASTICS</u>		<u>CARBONATES</u>	
		<u>ARGILLITE</u>	<u>QUARTZITE</u>			<u>SANDSTONE</u>	<u>BUILDING STONE</u>	<u>LIMESTONE</u>	<u>DOLOMITE</u>
Schuylkill		234,846				69,618		207,843	
Snyder								233,507	
Somerset								588,636	
Union								317,148	
Venango						136,686		10,946	
Warren								129,924	
Washington						260,000			
Wayne						136,197			
Westmoreland						570,000		1,198,660	
York						528		3,318,000	
TOTAL	1,325,514	4,857,044	179,849	1,581,575		4,703,002		39,489,370	1,395,533

ADAMS COUNTY

Bethlehem Mines Corporation
Martin Tower
Bethlehem, Pennsylvania 18016

Harry T. Campbell Sons' Company
Division of the Flintkote Co.
P.O. Box 128
Gettysburg, Penna. 17325

ALLEGHENY COUNTY

Milliken Brick Co.
Richhill Road
Cheswick, Pa. 15024

ARMSTRONG COUNTY

Glacial Sand & Gravel Co.
P.O. Box 10
Kittanning, Penna. 16201

Emlenton Limestone Co., Inc.
Box 1128
Oil City, Penna. 16301

Davison Sand and Gravel Co.
3rd Avenue & 4th Street
New Kensington, Pa. 15068

The Logan Clay Products Co.
Logan
Ohio 43138

Manor Minerals Inc.
265 S. Jefferson Street
Kittanning, Penna. 16201

Penn Dixie Industries, Inc.
R.D. #2
Cabot, Penna. 16023

BEAVER COUNTY

Darlington Brick & Clay Prod. Co.
Darlington, Penna. 16115

Shippingport Sand & Gravel Co.
355 Fifth Ave.
Pittsburgh, Penna. 15222

BEAVER COUNTY CONTINUED

Dravo Corporation, Keystone Division
One Oliver Plaza
Pittsburgh, Pennsylvania 15222

BEDFORD COUNTY

New Enterprise Stone & Lime Co., Inc.
New Enterprise, Penna. 16664

BERKS COUNTY

Pottstown Trap Rock Quarries Inc.
#1 Quarry Road
Douglassville, Penna. 19518

The General Crushed Stone Co.
P.O. Box 231
Easton, Penna. 18042

The John T. Dyer Quarry Co.
Subsidiary of Warner Co.
P.O. Box 188, R.D. #3
Birdsboro, Penna. 19508

Huron/Allentown Cement Div.
of National Gypsum Company
Evansville, Penna. 19521

C. D. Winters
Box 239
Kutztown, Penna. 19530

Berks Silica Sand Corp.
2001 State Road
Camp Hill, Penna. 17011

E. J. Breneman, Inc.
P.O. Box 478
Pottstown, Penna. 19464

Glen-Gery Corp.
East Canton Division
P.O. Box 1656
Canton, Ohio 44730

Charles S. Gabel, Inc.
217 N. Franklin St.
Boyertown, Penna. 19512

BLAIR COUNTY

Jesse L. Hartman & Anna M. Good
Trust Building
Hollidaysburg, Penna. 16648

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664

Narehood Bros. Inc.
Jones Building
Tyrone, Penna. 16686

BRADFORD COUNTY

Wysox Sand and Gravel Inc.
Box 128
Wysox, Penna. 18854

Wrisley Excavating
R.D. #2, Box 122
Troy, Penna. 16947

BUCKS COUNTY

Edison Quarry
R.D. #3
Doylestown, Penna. 16901

Eureka Stone Quarry, Inc.
Lower St. Road
Chalfont, Penna. 18914

Better Materials Corp.
Penns Park, Penna. 18943

Miller Quarries
Division of Miller
1371 W. Street Road
Warminster, Penna. 18974

The General Crushed Stone Co.
P.O. Box 221
Easton, Penna. 18942

Colony Materials
P.O. Box 133
Point Pleasant, Penna. 18950

Warner Company
1721 Arch Street
Philadelphia, Penna. 19103

New Hope Crushed Stone & Lime Co.
Phillips Mill Road
New Hope, Penna. 18938

American Olean Tile Co. Inc.
Lewisport, Kentucky 42351

BUTLER COUNTY

Sechan Limestone Industries, Inc.
R.D. #1
Portersville, Penna. 16051

Allegheny Mineral Corp.
P.O. Box 10
Kittanning, Penna. 16201

Penn Dixie Industries Inc.
Box 152
Nazareth, Penna. 18064

Cooper Bros.
R.D. #2
Slippery Rock, Penna. 16057

E.W. Cooper
R.D. #2
Slippery Rock, Penna. 16057

Emlenton Limestone Co., Inc.
P.O. Box 1128
Oil City, Penna. 16301

CARBON COUNTY

Refractory Sand Co., Inc.
Ringtown, Penna. 17967

CENTRE COUNTY

Herbert R. Imbt, Inc.
P.O. Box 155
State College, Penna. 16801

CENTRE COUNTY CONTINUED

Martin Marietta Aggregates
Southeast Division
P.O. Box 30013
Raleigh, N.C. 27612

Neidigh Bros. Limestone Co., Inc.
813 W. Beaver Avenue
State College, Penna. 16801

CHESTER COUNTY

Martin Marietta Corp.
66 Long Clove Road
Congers, New York 10902

Caln Building Stone Corp.
R.D. #1
Zion Grove, Penna. 17985

Warner Company
1721 Arch Street
Philadelphia, Penna. 19103

The General Crushed Stone Company
P.O. Box 231
Easton, Penna. 18042

CLARION COUNTY

Glacial Sand and Gravel Co.
P.O. Box 10
Kittanning, Penna. 16201

CLEARFIELD COUNTY

Emblenton Limestone Company
P.O. Box 1128
Oil City, Penna. 16301

Harbison Walker Refractories Co.
Mineral Springs, Penna. 16855

CLINTON COUNTY

Lycoming Silica Sand Co.
420 Broad Street
Montoursville, Penna. 17754

Mill Hall Clay Products, Inc.
44 Market Street
Mill Hall, Penna. 16854

Faylor-Middlecreek Inc.
P.O. Box 44
Winfield, Penna. 17889

Harbison Walker Refractories Inc.
Mineral Springs, Penna. 16855

COLUMBIA COUNTY

Bloomsburg Sand and Gravel Co., Inc.
R.D. #2
Bloomsburg, Penna. 17815

Lycoming Silica Sand Co.
420 Broad Street
Montoursville, Penna. 17754

CRAWFORD COUNTY

Virgil Foust
R.D. #1
Conneaut Lake, Penna. 16316

Conneaut Lake Sand and Gravel, Inc.
Box 93
Slippery Rock, Penna. 16057

Emblenton Limestone Company
P.O. Box 1128
Oil City, Penna. 16301

W.L. Dunn Construction Co.
Adams Street
Cochrannton, Penna. 16314

CUMBERLAND COUNTY

Locust Point Quarries, Inc.
P.O. Box 1280
Mechanicsburg, Penna. 17055

Valley Quarries, Inc.
R.D. #8
Chambersburg, Penna. 17201

Pennsy Supply, Inc.
1001 Paxton Street
Harrisburg, Penna. 17105

Union Quarries, Inc.
Bonny Brook Quarries, Inc.
P.O. Box 686
Carlisle, Penna. 17013

CUMBERLAND COUNTY CONTINUED

Hempt Bros. Inc.
205 Creek Road
Camp Hill, Penna. 17011

DAUPHIN COUNTY

Hempt Bros. Inc.
205 Creek Road
Camp Hill, Penna. 17011

Faylor-Middlecreek, Inc.
P.O. Box 44
Winfield, Penna. 17889

Blue Mountain Building Stone
Route 2, Box 858
Annville, Penna. 17003

Pennsy Supply Inc.
1001 Paxton Street
Harrisburg, Penna. 17105

DELAWARE COUNTY

The General Crushed Stone Company
P.O. Box 231
Easton, Penna. 18042

ERIE COUNTY

Union City Sand and Gravel Inc.
Box 168
Union City, Penna. 16438

Hoover Sand and Gravel Co.
R.D. #1
Troupe Road
Harbor Creek, Penna. 16421

Ganzer Sand and Gravel
2412 Saltsman Road
Erie, Penna. 16510

FAYETTE COUNTY

Commercial Stone Company
P.O. Box 208
Belle Vernon, Penna. 15012

Kaiser Refractories
P.O. Box 60
Frostburg, Maryland 21532

Harbison Walker Refractories
Mineral Springs, Penna. 16855

Martin Marietta Aggregates
P.O. Box 1075
Uniontown, Penna. 15401

Martin Marietta Aggregates
Route 1
Lake Lynn, Penna. 15451

FOREST COUNTY

Jack J. Kuntz
East Hickory, Penna. 16321

Tionesta Sand and Gravel
Box 208
Hawthorn, Penna. 16230

FRANKLIN COUNTY

Martin Marietta Aggregates
P.O. Box 51
Camp Hill, Penna. 17011

Valley Quarries, Inc.
R.D. #8
Chambersburg, Penna. 17201

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664

Mt.Cydonia Sand
Division of Valley Quarries
R.D. #1
Fayetteville, Penna. 17222

FULTON COUNTY

H. B. Mellott, Estate
328 North Second Street
McConnellsburg, Penna. 17233

HUNTINGDON COUNTY

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664

Warner Company
1721 Arch Street
Philadelphia, Penna. 19103

INDIANA COUNTY

Eidemiller Enterprises, Inc.
R.D. #8
Greensburg, Penna. 15601

JEFFERSON COUNTY

David P. Glenn
Box 77
Corsica, Penna. 15829

The Brockway Clay Co.
Brockway
Penna. 15824

Mervin J. Adams
R.D. #4, Box 113
Punxsutawney, Penna. 15767

LACKAWANNA COUNTY

Jackson Crushed Stone Co., Inc.
729 Lincoln Street
Dickson City, Penna. 18519

Godino's West Mountain Stone Quarry
444 St. Cabrini Avenue
Scranton, Penna. 18501

LANCASTER COUNTY

D.M. Stoltzfus & Son, Inc.
Talmage, Penna. 17580

A.G. Kurtz & Sons, Inc.
R.D. #3
Denver, Penna. 17517

The Blue Ball Stone Company
Blue Ball, Penna. 17506

David M. Burkholder Inc.
R.D. #3
Ephrata, Penna. 17522

Lancaster Lime & Stone Company
930 Pointview Avenue
Ephrata, Pennsylvania 17522

Rohrer's Quarry, Inc.
R.D. #3
Lititz, Penna. 17543

J. Miller Eshleman & Son, Inc.
Box 295
Landisville, Penna. 17538

H. R. Miller Co., Inc.
1756 Wabank Road
Lancaster, Penna. 17603

Compass Quarries, Inc.
P.O. Box 2221
Harrisburg, Penna. 17105

Union Quarries, Inc.
P.O. Box 686
Carlisle, Penna. 17013

LAWRENCE COUNTY

Mahoning Valley Sand Company
P.O.Box 1236
New Castle, Penna. 16102

Medusa Cement Co.
Box 37
Wampum, Penna. 16157

Vanport Stone Co. Inc.
P.O. Box 144
Edinburg, Penna. 16116

Vanport Sand and Gravel Inc.
P.O. Box 144
Edinburg, Penna. 16116

H. W. Cooper Sons
Taylor Run Plant
R.D. #2
Slippery Rock, Penna. 16057

LAWRENCE COUNTY CONTINUED

Joseph DePola
1 E. Sheridan Avenue
New Castle, Penna. 16105

McQuiston Coal Co.
120 E. Maitland Lane
New Castle, Penna. 16105

Ralph A. Veon, Inc.
Box 326
Darlington, Penna. 16115

D. M. Boyd Co.
226 Francis Street
Volant, Penna. 16156

LEBANON COUNTY

Bethlehem Mines Corporation
Bethlehem, Pennsylvania 18016

Calcite Quarry Corporation
P.O. Box 629, R.D. #1
Lebanon, Penna. 17042

LEHIGH COUNTY

The Whitehall Cement Mfg. Co.
5160 Main Street
Whitehall, Penna. 18052

Roy J. Kern
2575 Main Street
Schnecksville, Penna. 18078

Lehigh Stone Company
R #1
Coplay, Penna. 18037

Coplay Cement Mfg. Co.
Nazareth, Penna. 18064

Penn Big Bed Slate Company
P.O. Box 184
Slatington, Penna. 18080

LUZERNE COUNTY

American Asphalt Paving Company
Box 95, R.D. #5
Shavertown, Penna. 18708

Honey Hole Sand and Stone
P.O. Box 40
Hazleton, Penna. 18201

Hunlock Sand and Gravel Co.
R.D. #1, Box 275A
Hunlock Creek, Penna. 18621

Airport Sand and Gravel Co.
500 Swetland Lane
Wyoming, Penna. 18644

J. A. & W. A. Hess Inc.
P.O. Box 645
Hazleton, Penna. 18201

A. Barletta and Sons
P.O. Box 40
Hazleton, Penna. 18201

LYCOMING COUNTY

Lycoming Silica Sand Co.
420 Broad Street
Montoursville, Penna. 17754

MCKEAN COUNTY

Hanley Company
12 Hanley Drive
Lewis Run, Penna. 16738

Emlenton Limestone Co
P.O. Box 1128
Oil City, Penna. 16301

John Morgan Sack II
Box 640
Kane, Penna. 16735

MERCER COUNTY

Alvin Taylor
Box 661
Sharon, Penna. 16146

C. J. Peachy
R #1
Belleville, Penna. 17004

Faylor-Middlecreek, Inc.
P.O. Box 44
Winfield, Penna. 17889

Derry Limestone Co., Inc.
R.D. #1, Box 24A
Lewistown, Penna. 17044

MONROE COUNTY

Herbert R. Imbt, Inc.
P.O. Box 155
State College, Penna. 16801

Eureka Stone Quarry Inc.
Lower State Road
Chalfont, Penna. 18914

MONTOUR COUNTY

Lycoming Silica Sand Company
420 Broad Street
Montoursville, Penna. 17754

MONTGOMERY COUNTY

Glasgow, Inc.
Glenside, Penna. 19038

Mignatti Construction Co.
2310 Terwood Drive
Huntingdon Valley, Penna. 19006

Gill Quarries, Inc.
Box 187
Fairview Village, Penna. 19434

Pottstown Trap Rock Quarries
1 Quarry Road
Douglassville, Penna. 19518

G. & W.H. Corson, Inc.
Plymouth Meeting, Penna. 19462

Montgomery Stone Quarry
Upper State Road
Montgomeryville, Penna. 18936

NORTHAMPTON COUNTY

Lone Star Industries Inc.
162 Old Mill Road
West Nyack, New York 10994

Doney Slate Company
R.D. #1
Pen Argyl, Penna. 18072

Universal Atlas Cement
600 Grant Avenue
Pittsburgh, Penna. 15222

Penn Dixie Industries, Inc.
Box 152
Nazareth, Penna. 18064

Coplay Cement Mfg. Co.
Nazareth, Penna. 18064

Keystone Portland Cement Co.
Bath, Penna. 18014

Anthony Dally & Sons, Inc.
Pen Argyl, Penna. 18072

Albion Vein Slate Company, Inc.
Box 67
Bangor, Penna.

Diamond Slate Company
R.D. #1
West Pen Argyl, Penna. 18072

NORTHUMBERLAND COUNTY

Central Builders Supply Co.
P.O. Box 152
Sunbury, Penna. 17801

Glen Gery Corp.
227 North 5th Street
Reading, Penna. 19605

NORTHUMBERLAND COUNTY CONTINUED

Watsontown Brick Company
Box 68
Watsontown, Penna. 17777

Faylor Middlecreek Inc.
P.O. Box 44
Winfield, Penna. 17889

Bear Gap Stone, Inc.
R.D. #1
Elysburg, Penna. 17824

Meckley's Limestone Prod. Inc.
R.D. #1
Herndon, Penna. 17830

PERRY COUNTY

Four Forty One Corp.
1001 Paxton Street
Harrisburg, Penna. 17105

PIKE COUNTY

Pike County Sand and Gravel
100 4th Street
Honesdale, Penna. 17105

SCHUYLKILL COUNTY

Refractory Sand Co. Inc.
Ringtown, Penna. 17967

Summit Quarries, Inc.
P.O. Box 84
Summit Station, Penna. 17979

Huss Contracting Co.
Ringtown, Penna. 17979

SNYDER COUNTY

National Limestone Quarry, Inc.
Box 397
Middleburg, Penna. 17842

SOMERSET COUNTY

New Enterprise Stone & Lime Co.
New Enterprise, Penna. 16664

Keystone Lime Co.
Springs, Penna. 15562

General Refractories Co.
Room 3000
600 Grant Street
Pittsburgh, Penna. 15222

SUSQUEHANNA COUNTY

Kirk S. Hinkley
7 Susquehanna Avenue
Hallstead, Penna. 18822

UNION COUNTY

Faylor-Middlecreek Inc.
P.O. Box 44
Winfield, Penna. 17889

VENANGO COUNTY

Emlenton Limestone Co., Inc.
P.O. Box 1128
Oil City, Penna. 16301

Pennsylvania Glass Sand Corp.
Berkeley Springs, West Virginia 25411

Vincent Excavating and Gravel
R.D. #3
Franklin, Penna. 16323

Tionesta Sand and Gravel Inc.
Box 208
Hawthorn, Penna. 16230

B. Jean Strawbridge
R.D. #2
Titusville, Penna. 16354

WARREN COUNTY

Emlenton Limestone Co.
P.O. Box 1128
Oil City, Penna. 16301

Shermac Company
Box 208
Hawthorn, Penna. 16230

WARREN COUNTY CONTINUED

Brokenstraw Gravel Company
Box 77
Pittsfield, Penna. 16340

Tionesta Sand and Gravel, Inc.
Box 208
Hawthorn, Penna. 16230

WASHINGTON COUNTY

Shippingport Sand and Gravel Co.
355 Fifth Avenue
Pittsburgh, Penna. 15222

WAYNE COUNTY

Eureka Stone Quarry Inc.
Lower St. Road
Chalfont, Penna. 18914

Keystone Pavement and Const. Co.
Lake Ariel, Penna. 18436

WESTMORELAND COUNTY

Eidemiller Enterprises Inc.
R.D. #8, Box 99
Greensburg, Penna. 15601

Commercial Stone Co.
P.O. Box 208
Belle Vernon, Penna. 15012

Penn Aggregates
R.D. #1
Irwin, Penna. 15642

M. Carl Hoover
R.D. #4, Box 165
Greensburg, Penna. 15601

Warner Company
P.O. Box 173
Blairsville, Penna. 15717

YORK COUNTY

York Stone and Supply Co.
Roosevelt Ave. and Fahs Street
P.O. Box 1948
York, Penna. 17405

Thomasville Stone & Lime Co.
Box #23
Thomasville, Penna. 17364

Codorus Stone & Supply Co.
R.D. #5
York, Penna. 17402

The J.E. Baker Company
Box 1189
York, Penna. 17405

Kline's Quarry Inc.
Box 130
Wrightsville, Penna. 17368

Glen-Gery Corporation
227 North 5th Street
Reading, Penna. 19605

Pennsy Supply Inc.
1001 Paxton Street
Harrisburg, Penna. 17105

Medusa Cement Co.
P.O. Box 5668
Cleveland, Ohio 44101

National Gypsum Company
325 Delaware Avenue
Buffalo, New York 14202



